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[What is F5 Big IP ?](#)

BIG-IP is a collection of hardware platforms and software solutions providing services focused on security, reliability, and performance.

Let me BIG-IP Software

BIG-IP software products are licensed modules that run on top of F5's Traffic Management Operation System® (TMOS). This custom operating system is an event driven operating system designed specifically to inspect network and application traffic and make real-time decisions based on the configurations you provide. The BIG-IP software can run on hardware or can run in virtualized environments. Virtualized systems provide BIG-IP software functionality

where hardware implementations are unavailable, including public clouds and various managed infrastructures where rack space is a critical commodity.

BIG-IP Primary Software Modules

- **BIG-IP Local Traffic Manager (LTM)** - Central to F5's full traffic proxy functionality, LTM provides the platform for creating virtual servers, performance, service, protocol, authentication, and security profiles to define and shape your application traffic. Most other modules in the BIG-IP family use LTM as a foundation for enhanced services.
- **BIG-IP DNS** - Formerly Global Traffic Manager, BIG-IP DNS provides similar security and load balancing features that LTM offers but at a global/multi-site scale. BIG-IP DNS offers services to distribute and secure DNS traffic advertising your application namespaces.
- **BIG-IP Access Policy Manager (APM)** - Provides federation, SSO, application access policies, and secure web tunneling. Allow granular access to your various applications, virtualized desktop environments, or just go full VPN tunnel.
- **Secure Web Gateway Services (SWG)** - Paired with APM, SWG enables access policy control for internet usage. You can allow, block, verify and log traffic with APM's access policies allowing flexibility around your acceptable internet and public web application use. You know.... contractors and interns shouldn't use Facebook but you're not going to be responsible why the CFO can't access their cat pics.
- **BIG-IP Application Security Manager (ASM)** - This is F5's web application firewall (WAF) solution. Traditional firewalls and layer 3 protection don't understand the complexities of many web applications. ASM allows you to tailor acceptable and expected application behavior on a per application basis. Zero day, DoS, and click fraud all rely on traditional security device's inability to protect unique application needs; ASM fills the gap between traditional firewall and tailored granular application protection.
- **BIG-IP Advanced Firewall Manager (AFM)** - AFM is designed to reduce the hardware and extra hops required when ADC's are paired with traditional firewalls. Operating at L3/L4, AFM helps protect traffic destined for your data center. Paired with ASM, you can implement protection services at L3 - L7 for a full ADC and Security solution in one box or virtual environment.

Events with Payloads

Bigip.tmstats.interface_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.tmstats.interface_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "name": "xchg:0",
  "if_index": 0,
  "pause_active": 0,
  "hidden": 1,
  "wire_speed": 0,
  "counters_pkts_in": 0,
  "counters_bytes_in": 0,
  "counters_pkts_out": 25,
  "counters_bytes_out": 1490,
  "counters_mcast_in": 0,
  "counters_mcast_out": 0,
  "counters_errors_in": 0,
  "counters_errors_out": 0,
  "counters_drops_in": 0,
  "counters_drops_out": 5,
  "counters_collisions": 0,
  "counters_qq_in": 0,
  "counters_qq_out": 0,
  "resets": 0,
  "rx_pkts": 0,
  "rx_broadcast": 0,
  "rx_xoff": 0,
  "rx_on": 0,
  "rx_64byte": 0,
  "rx_127byte": 0,
  "rx_255byte": 0,
  "rx_511byte": 0,
  "rx_1023byte": 0,
  "rx_1522byte": 0,
  "rx_jumbo": 0,
```

"rx_gt_jumbo": 0,
"rx_bytes": 0,
"rx_no_bds": 0,
"rx_hw_drop": 0,
"tx_pkts": 0,
"tx_broadcast": 30,
"tx_xoff": 0,
"tx_on": 0,
"tx_64byte": 0,
"tx_127byte": 0,
"tx_255byte": 0,
"tx_511byte": 0,
"tx_1023byte": 0,
"tx_1522byte": 0,
"tx_jumbo": 0,
"tx_gt_jumbo": 0,
"tx_bytes": 0,
"tx_lost_carrier": 0,
"tx_hw_drop": 0,
"pkts_out0": 0,
"pkts_out1": 0,
"pkts_out2": 0,
"pkts_out3": 0,
"pkts_out4": 0,
"pkts_out5": 0,
"pkts_out6": 0,
"pkts_out7": 0,
"bytes_out0": 0,
"bytes_out1": 0,
"bytes_out2": 0,
"bytes_out3": 0,
"bytes_out4": 0,
"bytes_out5": 0,
"bytes_out6": 0,
"bytes_out7": 0,
"drop_pkts0": 0,
"drop_pkts1": 0,
"drop_pkts2": 0,
"drop_pkts3": 0,
"drop_pkts4": 0,
"drop_pkts5": 0,
"drop_pkts6": 0,
"drop_pkts7": 0,
"drop_bytes0": 0,
"drop_bytes1": 0,
"drop_bytes2": 0,
"drop_bytes3": 0,
"drop_bytes4": 0,
"drop_bytes5": 0,
"drop_bytes6": 0,

```
"drop_bytes7": 0
}
```

Bigip.tmstats.rule_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1b.psd.acme.com",
  "source": "bigip.tmstats.rule_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "f4:15:63:52:56:80",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "name": "_tmstat_leak_stub",
  "event_type": "HTTP_RESPONSE",
  "priority": 500,
  "failures": 0,
  "aborts": 0,
  "total_executions": 0,
  "avg_cycles": 0,
  "max_cycles": 0,
  "min_cycles": 0
}{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psd.acme.com",
  "source": "bigip.objectmodel.virtual.pools",
  "sourcetype": "f5:bigip:config:iapp:json",
  "devicegroup": "device-group-failover-b92a84720f17",
  "tenant": "",
  "appComponent": "",
  "facility": "",
  "app": "",
  "virtual_name": "/Common/vs_web_wg1_443",
  "pool_name": "/Common/pool_web_wg1_443"
}
```

bigip.objectmodel.virtual.pools

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psd.f.acme.com",
  "source": "bigip.objectmodel.virtual.pools",
  "sourcetype": "f5:bigip:config:iapp:json",
  "devicegroup": "device-group-failover-b92a84720f17",
  "tenant": "",
  "appComponent": "",
  "facility": "",
  "app": "",
  "virtual_name": "/Common/vs_web_wgl_443",
  "pool_name": "/Common/pool_web_wgl_443"
}
```

Bigip.tmstats.profile_clientssl_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psd.f.acme.com",
  "source": "bigip.tmstats.profile_clientssl_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "name": "clientssl",
  "vs_name": "_listener",
  "common_cur_conns": 0,
  "common_max_conns": 0,
  "common_cur_native_conns": 0,
  "common_max_native_conns": 0,
  "common_tot_native_conns": 0,
  "common_cur_compat_conns": 0,
}
```

"common_max_compat_conns": 0,
"common_tot_compat_conns": 0,
"common_encrypted_bytes_in": 0,
"common_encrypted_bytes_out": 0,
"common_decrypted_bytes_in": 0,
"common_decrypted_bytes_out": 0,
"common_records_in": 0,
"common_records_out": 0,
"common_fully_hw_accelerated_conns": 0,
"common_partially_hw_accelerated_conns": 0,
"common_non_hw_accelerated_conns": 0,
"common_premature_disconnects": 0,
"common_midstream_renegotiations": 0,
"common_secure_handshakes": 0,
"common_current_active_handshakes": 0,
"common_insecure_handshake_accepts": 0,
"common_insecure_handshake_rejects": 0,
"common_insecure_renegotiation_rejects": 0,
"common_extended_master_secrets": 0,
"common_sni_rejects": 0,
"common_sess_cache_cur_entries": 0,
"common_sess_cache_hits": 0,
"common_sess_cache_lookups": 0,
"common_sess_cache_overflows": 0,
"common_sess_cache_invalidations": 0,
"common_peercert_valid": 0,
"common_peercert_invalid": 0,
"common_peercert_none": 0,
"common_handshake_failures": 0,
"common_handshake_failure_notssl": 0,
"common_bad_records": 0,
"common_fatal_alerts": 0,
"common_dtls_tx_pushbacks": 0,
"common_active_handshake_rejected": 0,
"common_handshake_doublebuffer": 0,
"common_handshake_dynamicbuffer": 0,
"common_protocol_uses_sslv2": 0,
"common_protocol_uses_sslv3": 0,
"common_protocol_uses_tlsv1": 0,
"common_protocol_uses_tlsv1_1": 0,
"common_protocol_uses_tlsv1_2": 0,
"common_protocol_uses_tlsv1_3": 0,
"common_protocol_uses_dtls": 0,
"common_protocol_uses_gmssl": 0,
"common_cipher_uses_adh_keyxchg": 0,
"common_cipher_uses_dh_rsa_keyxchg": 0,
"common_cipher_uses_dhe_dss_keyxchg": 0,
"common_cipher_uses_ecdh_ecdsa_keyxchg": 0,
"common_cipher_uses_ecdh_rsa_keyxchg": 0,
"common_cipher_uses_ecdhe_ecdsa_keyxchg": 0,

"common_cipher_uses_ecdhe_rsa_keyxchg": 0,
"common_cipher_uses_edh_rsa_keyxchg": 0,
"common_cipher_uses_rsa_keyxchg": 0,
"common_cipher_uses_sm2_keyxchg": 0,
"common_cipher_uses_null_bulk": 0,
"common_cipher_uses_aes_bulk": 0,
"common_cipher_uses_aes_gcm_bulk": 0,
"common_cipher_uses_chacha20_poly1305_bulk": 0,
"common_cipher_uses_des_bulk": 0,
"common_cipher_uses_idea_bulk": 0,
"common_cipher_uses_rc2_bulk": 0,
"common_cipher_uses_rc4_bulk": 0,
"common_cipher_uses_camellia_bulk": 0,
"common_cipher_uses_sm4_bulk": 0,
"common_cipher_uses_null_digest": 0,
"common_cipher_uses_md5_digest": 0,
"common_cipher_uses_sha_digest": 0,
"common_cipher_uses_sm3_digest": 0,
"common_sesstick_uses_reused": 0,
"common_sesstick_uses_reuse_failed": 0,
"common_fwdp_uses_conns": 0,
"common_fwdp_uses_cached_certs": 0,
"common_fwdp_uses_dip_bypasses": 0,
"common_fwdp_uses_sip_bypasses": 0,
"common_fwdp_uses_hn_bypasses": 0,
"common_ocsp_fwdp_clientssl_cached_resp": 0,
"common_ocsp_fwdp_clientssl_cert_status_req": 0,
"common_ocsp_fwdp_clientssl_stapled_resp": 0,
"common_ocsp_fwdp_clientssl_respstatus_err_resp": 0,
"common_ocsp_fwdp_clientssl_invalid_cert_resp": 0,
"common_ocsp_fwdp_clientssl_revoked_resp": 0,
"common_ocsp_fwdp_clientssl_unknown_resp": 0,
"common_fwdp_uses_alert_bypasses": 0,
"common_fwdp_uses_clicert_fail_bypasses": 0,
"common_fwdp_uses_verified_hs_cnt": 0,
"common_fwdp_uses_transparent_resume_cnt": 0,
"common_fwdp_uses_enforce_resume_failures": 0,
"common_c3d_uses_conns": 0,
"common_renegotiations_rejected": 0,
"common_ocsp_stpl_uses_conns": 0,
"common_ocsp_stpl_uses_response_status_errors": 0,
"common_ocsp_stpl_uses_response_validation_errors": 0,
"common_ocsp_stpl_uses_cert_status_errors": 0,
"common_ocsp_stpl_uses_ocsp_conn_http_errors": 0,
"common_ocsp_stpl_uses_ocsp_conn_failures": 0,
"common_ocsp_stpl_uses_ocsp_conn_timeouts": 0,
"common_aggregate_renegotiations_rejected": 0,
"common_session_mirroring_success": 0,
"common_session_mirroring_failure": 0,
"common_connection_mirroring_ha_peer_ready": 0,

```
"common_connection_mirroring_ha_ctx_sent": 0,  
"common_connection_mirroring_ha_ctx_rcv": 0,  
"common_connection_mirroring_ha_hs_success": 0,  
"common_connection_mirroring_ha_failure": 0,  
"common_connection_mirroring_ha_timeout": 0,  
"dynamic_record_x1": 0,  
"dynamic_record_x2": 0,  
"dynamic_record_x3": 0,  
"dynamic_record_x4": 0,  
"dynamic_record_x5": 0,  
"dynamic_record_x6": 0,  
"dynamic_record_x7": 0,  
"dynamic_record_x8": 0,  
"dynamic_record_x9": 0,  
"dynamic_record_x10": 0,  
"dynamic_record_x11": 0,  
"dynamic_record_x12": 0,  
"dynamic_record_x13": 0,  
"dynamic_record_x14": 0,  
"dynamic_record_x15": 0,  
"dynamic_record_x16": 0  
}
```

Bigip.tmsh.disk_usage

```
{  
  "time": 1545076080,  
  "host": "alb-bv3-2001-p2-1a.psfdf.acme.com",  
  "source": "bigip.tmsh.disk_usage",  
  "sourcetype": "f5:bigip:status:iapp:json",  
  "aggr_period": "60",  
  "device_base_mac": "xx:xx:xx:xx:xx:xx",  
  "devicegroup": "device-group-failover-b92a84720f17",  
  "facility": "",  
  "Filesystem": "tmpfs",  
  "1024-blocks": 1632256,  
  "Used": 0,  
  "Available": 1632256,  
  "Capacity": "0%",  
  "Mounted": "/run/user/91"  
}
```

Bigip.tmstats.mcp_request_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.tmstats.mcp_request_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "class_id": 38264,
  "create_count": 4,
  "create_mean": 585,
  "create_var": 12993,
  "modify_count": 4,
  "modify_mean": 3717,
  "modify_var": 48651249,
  "delete_count": 0,
  "delete_mean": 0,
  "delete_var": 0,
  "query_count": 4,
  "query_mean": 42213,
  "query_var": 7216095,
  "other_count": 0,
  "other_mean": 0,
  "other_var": 0
}
```

Bigip.tmstats.profile_httpcompression_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.tmstats.profile_httpcompression_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
```

```
"facility": "",
"app": "",
"appComponent": "",
"tenant": "",
"aggr_period": "60",
"name": "httpcompression",
"vs_name": "_listener",
"precompress_bytes": 0,
"postcompress_bytes": 0,
"null_compress_bytes": 0,
"html_precompress_bytes": 0,
"html_postcompress_bytes": 0,
"css_precompress_bytes": 0,
"css_postcompress_bytes": 0,
"js_precompress_bytes": 0,
"js_postcompress_bytes": 0,
"xml_precompress_bytes": 0,
"xml_postcompress_bytes": 0,
"sgml_precompress_bytes": 0,
"sgml_postcompress_bytes": 0,
"plain_precompress_bytes": 0,
"plain_postcompress_bytes": 0,
"octet_precompress_bytes": 0,
"octet_postcompress_bytes": 0,
"image_precompress_bytes": 0,
"image_postcompress_bytes": 0,
"video_precompress_bytes": 0,
"video_postcompress_bytes": 0,
"audio_precompress_bytes": 0,
"audio_postcompress_bytes": 0,
"other_precompress_bytes": 0,
"other_postcompress_bytes": 0
}
```

Bigip.tmstats.profile_tcp_stat

```
{
"time": 1545076080,
"host": "alb-bv3-2001-p2-1a.psdf.acme.com",
"source": "bigip.tmstats.profile_tcp_stat",
"sourcetype": "f5:bigip:stats:iapp:json",
"device_base_mac": "xx:xx:xx:xx:xx:xx",
"devicegroup": "device-group-failover-b92a84720f17",
"facility": "",
"app": "",
```

```
"appComponent": "",
"tenant": "",
"aggr_period": "60",
"name": "waptcp",
"vs_name": "_listener",
"open": 0,
"close_wait": 0,
"fin_wait": 0,
"fin_wait_2": 0,
"time_wait": 0,
"accepts": 0,
"acceptfails": 0,
"connects": 0,
"connfails": 0,
"expires": 0,
"abandons": 0,
"rxrst": 0,
"rxbadsum": 0,
"rxbadseg": 0,
"rxooseg": 0,
"rxcookie": 0,
"rxbadcookie": 0,
"txcookies": 0,
"txhwcookies": 0,
"hwcookies_valid": 0,
"rxsummismatch": 0,
"syncacheover": 0,
"txrexmits": 0,
"sndpack": 0
}
```

Bigip.tmsh.system_status

```
{
"time": 1545076080,
"host": "alb-bv3-2001-p2-1a.psd.f.acme.com",
"source": "bigip.tmsh.system_status",
"sourcetype": "f5:bigip:status:iapp:json",
"iapp_version": "3.7.2",
"aggr_period": "60",
"device_base_mac": "xx:xx:xx:xx:xx:xx",
"devicegroup": "device-group-failover-b92a84720f17",
"facility": "",
```

```
"version": "14.1.0",
"location": "",
"callbackurl": "https://10.130.17.19",
"description": "",
"marketing-name": "BIG-IP i2600",
"platform-id": "C117",
"build": "0.0.116",
"failover-state": "active",
"chassis-id": "f5-llpw-gfzn  ",
"mode": "high-availability",
"sync-status": "In Sync",
"sync-summary": "All devices in the device group are in sync",
"sync-color": "green",
"asm_state": "",
"last_asm_change": "",
"apm_state": "",
"afm_state": "",
"last_afm_deploy": "",
"ltm_config_time": "1545075851",
"gtm_config_time": "0"
}
```

Bigip.tmstats.profile_bigproto_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psd.f.acme.com",
  "source": "bigip.tmstats.profile_bigproto_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "name": "fastL4",
  "vs_name": "_listener",
  "open": 0,
  "accepts": 0,
  "acceptfails": 0,
  "expires": 0,
  "rxbadpkt": 0,
  "rxunreach": 0,
  "rxunreachwithack": 0,
  "rxbadunreach": 0,
  "rxbadsum": 0,
  "rxsummismatch": 0,
```

```
"txerrors": 0,
"txrst": 0,
"syncookiesissued": 0,
"syncookiesaccepted": 0,
"syncookiesrejected": 0,
"syncookiesdrops": 0,
"hw_syncookiesissued": 0,
"hw_syncookiesvalid": 0,
"embryonic_conns": 0,
"serversynrtx": 0,
"rxsynateestablished": 0,
"rxsynatcltackedwait": 0,
"rxsynatsrvackedwait": 0,
"rxsynattimewait": 0,
"rxsynatsrvfin": 0,
"rxsynatcltfin": 0,
"rxsynatcltfinacked": 0,
"rxsynatclosing": 0,
"rxsynackabnormal": 0,
"rxrststacknotsyn": 0,
"rxrstnotsyn": 0,
"rxacktoolate": 0,
"rxcookieatsynrecv": 0,
"txportreusedrst": 0,
"estfinabnormal": 0,
"connectfails": 0,
"handshaketimout": 0,
"transformdrop": 0,
"lbc_successful": 0,
"lbc_timedout": 0
}
```

Bigip.tmstats.profile_connpool_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.tmstats.profile_connpool_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
}
```

```
"aggr_period": "60",
"name": "oneconnect",
"vs_name": "_listener",
"cur_size": 0,
"max_size": 0,
"reuses": 0,
"connects": 0
}
```

Bigip.tmstats.flow_eviction_policy_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psd.acme.com",
  "source": "bigip.tmstats.flow_eviction_policy_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "policy_name": "/Common/default-eviction-policy",
  "swept_context": "virtual server",
  "context_name": "_tmm_apm_portal_cache_vip",
  "evicted": 0
}
```

Bigip.tmstats.profile_ftp_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psd.acme.com",
  "source": "bigip.tmstats.profile_ftp_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",

```



```
"appComponent": "",
"tenant": "",
"aggr_period": "60",
"name": "ftp",
"vs_name": "_listener",
"login_requests": 0,
"download_requests": 0,
"upload_requests": 0,
"ftps_sessions": 0,
"passthru_transitions": 0,
"ftps_intercepts": 0,
"ftps_resets": 0,
"ftps_bypasses": 0,
"passive_requests": 0,
"active_requests": 0
}
```

Bigip.tmstats.memory_usage_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psd.acme.com",
  "source": "bigip.tmstats.memory_usage_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "name": "xhead",
  "allocated": 90400,
  "max_allocated": 329984,
  "size": 32,
  "slop": 0,
  "cur_allocs": 2825,
  "tot_allocs": "10654645345",
  "fail_allocs": 0,
  "type": "pvt:"
}
```

Bigip.tmstats.monitor_instance_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psd.acme.com",
  "source": "bigip.tmstats.monitor_instance_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "name": "/Common/tcp",
  "ip_address": "10.130.6.92",
  "port": 443,
  "bigd_instance": 0,
  "latency": 0,
  "probe_count": 47199,
  "probe_success": 47196,
  "probe_failure": 0
}
```

Bigip.objectmodel.virtual.rules

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psd.acme.com",
  "source": "bigip.objectmodel.virtual.rules",
  "sourcetype": "f5:bigip:config:iapp:json",
  "devicegroup": "device-group-failover-b92a84720f17",
  "tenant": "",
  "appComponent": "",
  "facility": "",
  "app": "",
  "virtual_name": "/Common/MainForwarderInbound-10-130-6",
  "rule_name": "/Common/idle_timeout_extend"
}
```

Bigip.tmstats.pool_member_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.tmstats.pool_member_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "pool_name": "snat_automap[1]",
  "addr": "10.130.6.1",
  "port": 0,
  "flags": 0,
  "cur_sessions": 0,
  "lb_value": 0,
  "bias_value": 0,
  "serverside_pkts_in": 207324,
  "serverside_bytes_in": 128837698,
  "serverside_pkts_out": 177146,
  "serverside_bytes_out": 26533733,
  "serverside_max_conns": 21,
  "serverside_tot_conns": 8663,
  "serverside_cur_conns": 10,
  "serverside_cur_load": 10,
  "pva_pkts_in": 0,
  "pva_bytes_in": 0,
  "pva_pkts_out": 0,
  "pva_bytes_out": 0,
  "pva_max_conns": 0,
  "pva_tot_conns": 0,
  "pva_cur_conns": 0,
  "tot_requests": 0,
  "tot_pva_assist_conn": 0,
  "curr_pva_assist_conn": 0,
  "connq_depth": 0,
  "connq_age_head": 0,
  "connq_age_max": 0,
  "connq_age_ema": 0,
  "connq_age_edm": 0,
  "connq_serviced": 0,
  "precision_tot_sync": 0,
}
```

```
"precision_tot_async": 0,
"precision_delayed": 0,
"precision_tot_rejected": 0,
"precision_tot_retry": 0,
"precision_is_locked": 0,
"precision_tot_locked": 0,
"precision_tot_unlocked": 0,
"precision_last_locked": 0,
"precision_dura_locked": 0,
"precision_latency": 0,
"precision_last_value": 0,
"precision_value": 0,
"hornet_client_syn_received": 0,
"hornet_normal_tearardowns_completed": 0,
"hornet_duplicate_syn_received": 0,
"hornet_client_rst_received": 0,
"hornet_server_rst_received": 0,
"hornet_port_retry_count": 0,
"hornet_way_collision_count": 0,
"hornet_way_full_count": 0,
"hornet_client_pkt_unknown_flow": 0,
"hornet_server_pkt_unknown_flow": 0,
"hornet_connection_created": 0,
"hornet_embryonic_promoted": 0,
"hornet_client_pkt_expired_embryonic": 0,
"hornet_server_pkt_expired_embryonic": 0,
"hornet_client_pkt_expired_active": 0,
"hornet_server_pkt_expired_active": 0,
"hornet_client_pkt_expired_timewait": 0,
"hornet_server_pkt_expired_timewait": 0,
"hornet_action_drop": 0,
"hornet_action_reset": 0,
"hornet_action_xform": 0,
"hornet_action_fwd": 0
}
```

Bigip.tmsh.pool_member_status

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psd.f.acme.com",
  "source": "bigip.tmsh.pool_member_status",
  "sourcetype": "f5:bigip:status:iapp:json",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "callbackurl": "https://10.130.17.19",
```

```
"pool_name": "/Common/pool_web_wg1_443",
"pool_member_name": "/Common/drive201.80:443",
"address": "10.130.6.80",
"port": "443",
"session_status": "enabled",
"availability_state": "available",
"enabled_state": "enabled",
"status_reason": "Pool member is available"
}
```

Bigip.tmsh.interface_status

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.tmsh.interface_status",
  "sourcetype": "f5:bigip:status:iapp:json",
  "aggr_period": "60",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "interface_name": "mgmt",
  "interface_status": "up"
}
```

Bigip.tmsh.virtual_status

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.tmsh.virtual_status",
  "sourcetype": "f5:bigip:status:iapp:json",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "virtual_name": "/Common/vs_web_wg1_443",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "availability_state": "available",
  "enabled_state": "enabled",
}
```

```
"status_reason": "The virtual server is available"
}
```

Bigip.objectmodel.cert

```
{
  "time": 1545056340,
  "host": "alb-bv3-2001-p2-1a.psd.f.acme.com",
  "source": "bigip.objectmodel.cert",
  "sourcetype": "f5:bigip:config:iapp:json",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "cert_name": "/Common/default.crt",
  "cert_subject":
"emailAddress=root@localhost.localdomain,CN=localhost.localdomain,OU=IT,O=MyCompany,L=
Seattle,ST=WA,C=US",
  "cert_expiration_date": "1800321352"
}
```

Bigip.stats.summary

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psd.f.acme.com",
  "source": "bigip.stats.summary",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "aggr_period": "60",
  "files_sent": "3",
  "bytes_transferred": "1982464"
}
```

Bigip.tmstats.disk_info_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.tmstats.disk_info_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "slot_id": 0,
  "total_ios": 2092590,
  "rd_ops": 811737,
  "rd_merged": 34493,
  "rd_bytes": "24585656832",
  "rd_latency_ms": 13,
  "wr_ops": 1280853,
  "wr_merged": 9999057,
  "wr_bytes": "31388429312",
  "wr_latency_ms": 15
}
```

Bigip.objectmodel.virtual

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.objectmodel.virtual",
  "sourcetype": "f5:bigip:config:iapp:json",
  "devicegroup": "device-group-failover-b92a84720f17",
  "virtual_name": "/Common/vs_web_wg1_443",
  "description": "",
  "appComponent": "",
  "iapp_name": "",
}
```

```
"ip": "10.130.4.60",
"port": "443",
"protocol": "tcp",

"app": "",

"mask": "255.255.255.255",
"tenant": "",
"facility": ""
}
```

Bigip.tmstats.monitor_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psd.acme.com",
  "source": "bigip.tmstats.monitor_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "type": 26,
  "name": "/Common/gateway_icmp",
  "bigd_instance": 0,
  "node_count": 2,
  "pool_member_count": 0,
  "pool_count": 0,
  "probe_count": 94401,
  "probe_success": 94394,
  "probe_failure": 0
}
```

Bigip.tmstats.profile_dns_stat

```
{
```



```
"time": 1545076080,
"host": "alb-bv3-2001-p2-1a.psd.acme.com",
"source": "bigip.tmstats.profile_dns_stat",
"sourcetype": "f5:bigip:stats:iapp:json",
"device_base_mac": "xx:xx:xx:xx:xx:xx",
"devicegroup": "device-group-failover-b92a84720f17",
"facility": "",
"app": "",
"appComponent": "",
"tenant": "",
"aggr_period": "60",
"name": "dns",
"vs_name": "_listener",
"queries": 0,
"responses": 0,
"rps": 0,
"togtm": 0,
"gtm_rewrites": 0,
"todns": 0,
"todnsx": 0,
"tocache": 0,
"tozxfld": 0,
"dns64reqs": 0,
"dns64trans": 0,
"dns64fails": 0,
"hints": 0,
"rejects": 0,
"noerrors": 0,
"op_query": 0,
"op_notify": 0,
"op_update": 0,
"op_other": 0,
"r_noerror": 0,
"r_nxdomain": 0,
"r_servfail": 0,
"r_refused": 0,
"r_badvers": 0,
"hdr_rd": 0,
"hdr_cd": 0,
"hdr_edns0": 0,
"hdr_ra": 0,
"hdr_ad": 0,
"hdr_aa": 0,
"hdr_tc": 0,
"zone_ixfr": 0,
"zone_axfr": 0,
"drops": 0,
"malformed": 0,
"malicious": 0,
"suspends": 0,
```

```
"a_reqs": 0,
"aaaa_reqs": 0,
"any_reqs": 0,
"cname_reqs": 0,
"mx_reqs": 0,
"naptr_reqs": 0,
"ns_reqs": 0,
"ptr_reqs": 0,
"soa_reqs": 0,
"srv_reqs": 0,
"txt_reqs": 0,
"other_reqs": 0,
"lic_dns_rate_rejects": 0,
"fast_dns_allowed": 0,
"fast_dns_drops": 0,
"fast_dns_queries": 0,
"fast_dns_responses": 0,
"fast_dns_resp_ne": 0,
"fast_dns_resp_nx": 0,
"fast_dns_resp_rf": 0,
"fast_dns_resp_tc": 0,
"fast_dns_resp_bvers": 0,
"hw_malformed": 0,
"hw_inspected": 0,
"hw_cache_lookups": 0,
"hw_cache_responses": 0,
"edns0_cs_inserted": 0,
"edns0_cs_queries": 0,
"edns0_cs_responses": 0
}
```

Bigip.objectmodel.virtual.profiles

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.objectmodel.virtual.profiles",
  "sourcetype": "f5:bigip:config:iapp:json",
  "devicegroup": "device-group-failover-b92a84720f17",
  "tenant": "",
  "appComponent": "",
  "facility": "",
  "app": "",
  "virtual_name": "/Common/vs_web_wg1_443",
  "profile_name": "/Common/tcp",
  "profile_type": "profile"
}
```

Bigip.tmstats.ifc_stats

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.tmstats.ifc_stats",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "name": "tmm_bp",
  "type": 1,
  "if_index": 0,
  "in_discards": 0,
  "in_errors": 0,
  "in_unknown_protos": 0,
  "out_discards": 0,
  "out_errors": 0,
  "hc_in_octets": 0,
  "hc_in_ucast_pkts": 0,
  "hc_in_multicast_pkts": 0,
  "hc_in_broadcast_pkts": 0,
  "hc_out_octets": 3410,
  "hc_out_ucast_pkts": 0,
  "hc_out_multicast_pkts": 25,
  "hc_out_broadcast_pkts": 30,
  "pva_in_pkts": 0,
  "pva_in_octets": 0,
  "pva_out_pkts": 0,
  "pva_out_octets": 0,
  "pva_syncache": 0,
  "pva_syn_flood_pkts": 0,
  "syncookie_tmm_cnt": 0
}
```

Bigip.tmstats.pool_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.tmstats.pool_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
```

```
"devicegroup": "device-group-failover-b92a84720f17",
"facility": "",
"app": "",
"appComponent": "",
"tenant": "",
"aggr_period": "60",
"pool_name": "snat_automap[1]",
"pick_tot": 0,
"pick_rej": 0,
"pick_rej_admin": 0,
"pick_rej_limit": 0,
"pick_rej_monitor": 0,
"cur_priogrp": 0,
"highest_priogrp": 0,
"lowest_priogrp": 0,
"connq_depth": 0,
"connq_age_head": 0,
"connq_age_max": 0,
"connq_age_ema": 0,
"connq_age_edm": 0,
"connq_serviced": 0,
"missing_laddr": 0
}
```

Bigip.tmstats.tmm_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psd.acme.com",
  "source": "bigip.tmstats.tmm_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "polls": "8983629910",
  "idle_polls": "6807290702",
  "pid": 18206,
  "cpu": 2,
```

"slot_id": 0,
"client_side_traffic_pkts_in": 1564169878,
"client_side_traffic_bytes_in": "469895508762",
"client_side_traffic_pkts_out": 1516056914,
"client_side_traffic_bytes_out": "1091615266816",
"client_side_traffic_max_conns": 172932,
"client_side_traffic_tot_conns": 159425616,
"client_side_traffic_cur_conns": 165563,
"client_side_traffic_slow_conns": 0,
"client_side_traffic_expired_conns": 10820088,
"client_side_traffic_slow_killed": 0,
"client_side_traffic_evicted_conns": 0,
"client_side_traffic_other_killed": 0,
"server_side_traffic_pkts_in": 1648076127,
"server_side_traffic_bytes_in": "1095166209965",
"server_side_traffic_pkts_out": 1526699356,
"server_side_traffic_bytes_out": "455222730572",
"server_side_traffic_max_conns": 69900,
"server_side_traffic_tot_conns": 159260692,
"server_side_traffic_cur_conns": 61269,
"server_side_traffic_slow_conns": 0,
"server_side_traffic_expired_conns": 10066537,
"server_side_traffic_slow_killed": 0,
"server_side_traffic_evicted_conns": 0,
"server_side_traffic_other_killed": 0,
"tm_total_cycles": "519251267681236",
"tm_idle_cycles": "15056897189236",
"tm_sleep_cycles": "456053412371368",
"max_sleep_cycles_1sec": 315172,
"max_sleep_cycles_1min": 812570,
"max_sleep_cycles_1hr": 8039819,
"max_poll_cycles_1sec": 980328,
"max_poll_cycles_1min": 1292823,
"max_poll_cycles_1hr": 179121397,
"cpu_usage_1sec": 1904,
"cpu_usage_5secs": 1891,
"cpu_usage_15secs": 1663,
"cpu_usage_1min": 1376,
"cpu_usage_5mins": 1279,
"cpu_usage_15mins": 1254,
"maintenance_mode_deny": 0,
"max_conn_virtual_address_deny": 0,
"max_conn_virtual_path_deny": 0,
"max_conn_rtdom_path_deny": 0,
"virtual_server_non_syn_deny": 0,
"no_handler_deny": 393,
"last_hit_time_deny_acl": 1545075514,
"no_staged_handler_deny": 0,
"last_hit_time_deny_staged_acl": 0,
"license_deny": 0,

```
"cmp_conn_redirected": 0,
"connection_memory_errors": 0,
"memory_total": 0,
"memory_used": 0,
"dropped_packets": 1,
"incoming_packet_errors": 0,
"outgoing_packet_errors": 0,
"http_requests": 0,
"port_find_failures": 0,
"non_default_hash_port_find_failures": 0,
"dag_find_local_port_failures": 0,
"port_find_sequential": 159264940,
"port_find_non_sequential": 0,
"port_find_reuse_dying_flows": 0,
"port_find_next_port_advances": 0,
"port_find_repick": 0,
"tot_tmms": 1,
"ticks": 3182830474,
"hz": 1000,
"connection_flow_miss": 0,
"dos_tscookie_pkts_accepted": 0,
"dos_tscookie_pkts_dropped": 0,
"global_sc_stats_syncookies": 0,
"global_sc_stats_accepts": 0,
"global_sc_stats_rejects": 0,
"global_sc_stats_hw_syncookies": 0,
"global_sc_stats_hw_accepts": 0,
"global_sc_stats_wl_hits": 0,
"global_sc_stats_wl_accepts": 0,
"global_sc_stats_wl_rejects": 0
}
```

Bigip.tmsh.disk_latency

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psd.f.acme.com",
  "source": "bigip.tmsh.disk_latency",
  "sourcetype": "f5:bigip:status:iapp:json",
  "aggr_period": "60",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": ""
}
```

```
"Device": "vg--db--sda-set.2._var",
"rrqm/s": "0.00",
"wrqm/s": "0.00",
"r/s": "0.05",
"w/s": "1.48",
"rkB/s": "0.53",
"wkB/s": "5.92",
"avgrq-sz": "8.42",
"avgqu-sz": "0.14",
"await": "91.09",
"r_await": "11.44",
"w_await": "93.99",
"svctm": "0.85",
"%util": "0.13"
}
```

Bigip.tmstats.profile_webacceleration_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.tmstats.profile_webacceleration_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "name": "webacceleration",
  "vs_name": "_listener",
  "cache_hits": 0,
  "cache_misses": 0,
  "cache_misses_all": 0,
  "cache_hit_bytes": 0,
  "cache_miss_bytes": 0,
  "cache_miss_bytes_all": 0,
  "cache_size": 0,
  "cache_count": 0,
}
```

```
"cache_evictions": 0,
"inter_stripe_hits": 0,
"inter_stripe_misses": 0,
"inter_stripe_hit_bytes": 0,
"inter_stripe_size": 0,
"inter_stripe_count": 0,
"inter_stripe_evictions": 0,
"remote_hits": 0,
"remote_misses": 0,
"remote_hit_bytes": 0,
"cache_last_cleared": 0
}
```

Bigip.tmstats.profile_serversssl_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1b.psd.f.acme.com",
  "source": "bigip.tmstats.profile_serversssl_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "f4:15:63:52:56:80",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "name": "serversssl",
  "vs_name": "_listener",
  "common_cur_conns": 0,
  "common_max_conns": 0,
  "common_cur_native_conns": 0,
  "common_max_native_conns": 0,
  "common_tot_native_conns": 0,
  "common_cur_compat_conns": 0,
  "common_max_compat_conns": 0,
  "common_tot_compat_conns": 0,
  "common_encrypted_bytes_in": 0,
  "common_encrypted_bytes_out": 0,
  "common_decrypted_bytes_in": 0,
  "common_decrypted_bytes_out": 0,
}
```


"common_records_in": 0,
"common_records_out": 0,
"common_fully_hw_accelerated_conns": 0,
"common_partially_hw_accelerated_conns": 0,
"common_non_hw_accelerated_conns": 0,
"common_premature_disconnects": 0,
"common_midstream_renegotiations": 0,
"common_secure_handshakes": 0,
"common_current_active_handshakes": 0,
"common_insecure_handshake_accepts": 0,
"common_insecure_handshake_rejects": 0,
"common_insecure_renegotiation_rejects": 0,
"common_extended_master_secrets": 0,
"common_sni_rejects": 0,
"common_sess_cache_cur_entries": 0,
"common_sess_cache_hits": 0,
"common_sess_cache_lookups": 0,
"common_sess_cache_overflows": 0,
"common_sess_cache_invalidations": 0,
"common_peercert_valid": 0,
"common_peercert_invalid": 0,
"common_peercert_none": 0,
"common_handshake_failures": 0,
"common_handshake_failure_notssl": 0,
"common_bad_records": 0,
"common_fatal_alerts": 0,
"common_active_handshake_rejected": 0,
"common_handshake_doublebuffer": 0,
"common_handshake_dynamicbuffer": 0,
"common_protocol_uses_sslv2": 0,
"common_protocol_uses_sslv3": 0,
"common_protocol_uses_tlsv1": 0,
"common_protocol_uses_tlsv1_1": 0,
"common_protocol_uses_tlsv1_2": 0,
"common_protocol_uses_tlsv1_3": 0,
"common_protocol_uses_dtls": 0,
"common_cipher_uses_adh_keyxchg": 0,
"common_cipher_uses_dh_rsa_keyxchg": 0,
"common_cipher_uses_dhe_dss_keyxchg": 0,
"common_cipher_uses_ecdh_ecdsa_keyxchg": 0,
"common_cipher_uses_ecdh_rsa_keyxchg": 0,
"common_cipher_uses_ecdhe_ecdsa_keyxchg": 0,
"common_cipher_uses_ecdhe_rsa_keyxchg": 0,
"common_cipher_uses_edh_rsa_keyxchg": 0,
"common_cipher_uses_rsa_keyxchg": 0,
"common_cipher_uses_null_bulk": 0,
"common_cipher_uses_aes_bulk": 0,
"common_cipher_uses_aes_gcm_bulk": 0,
"common_cipher_uses_chacha20_poly1305_bulk": 0,
"common_cipher_uses_des_bulk": 0,

```
"common_cipher_uses_idea_bulk": 0,
"common_cipher_uses_rc2_bulk": 0,
"common_cipher_uses_rc4_bulk": 0,
"common_cipher_uses_camellia_bulk": 0,
"common_cipher_uses_null_digest": 0,
"common_cipher_uses_md5_digest": 0,
"common_cipher_uses_sha_digest": 0,
"common_sesstick_uses_reused": 0,
"common_sesstick_uses_reuse_failed": 0,
"common_fwdp_uses_conns": 0,
"common_fwdp_uses_cached_certs": 0,
"common_fwdp_uses_transparent_resume_cnt": 0,
"common_fwdp_uses_enforce_resume_failures": 0,
"common_ocsp_serverssl_cached_resp": 0,
"common_ocsp_serverssl_stapled_resp": 0,
"common_ocsp_serverssl_responder_queries": 0,
"common_ocsp_serverssl_response_errors": 0,
"common_ocsp_serverssl_cert_status_unknown": 0,
"common_ocsp_serverssl_cert_status_revoked": 0,
"common_c3d_uses_conns": 0,
"common_session_mirroring_success": 0,
"common_session_mirroring_failure": 0,
"common_connection_mirroring_ha_peer_ready": 0,
"common_connection_mirroring_ha_ctx_sent": 0,
"common_connection_mirroring_ha_ctx_recv": 0,
"common_connection_mirroring_ha_hs_success": 0,
"common_connection_mirroring_ha_failure": 0,
"common_connection_mirroring_ha_timeout": 0
}
```

Bigip.tmstats.proc_pid_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1b.psdf.acme.com",
  "source": "bigip.tmstats.proc_pid_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "f4:15:63:52:56:80",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
```

```
"proc_name": "zxfrd",
"cpu_usage_recent": 0,
"cpu_usage_1min": 0,
"cpu_usage_5mins": 0,
"system_usage_recent": 0,
"system_usage_1min": 0,
"system_usage_5mins": 0,
"update_time": 1545076080,
"modules": "mgmt",
"pid": 7600,
"blade_num": 0,
"state": "S",
"processor": 3,
"ppid": 7572,
"pgrp": 7600,
"session": 7600,
"tty_nr": 0,
"tpgid": -1,
"flags": 1077944576,
"minflt": 3126,
"cminflt": 19480,
"majflt": 46,
"cmajflt": 13,
"utime": 42,
"stime": 663,
"cutime": 13,
"cstime": 6,
"priority": 20,
"nice": 0,
"num_threads": 1,
"itrealvalue": 0,
"start_time": 68621,
"vsize": 72712192,
"rss": 1601,
"rss_rlim": "18446744073709551615",
"start_code": 4194304,
"end_code": 4569324,
"start_stack": "140730954869520",
"kstk_esp": "47836311928320",
"kstk_eip": "47836294050619",
"signal": 0,
"blocked": 0,
"sigignore": 4108,
"sigcatch": 81922,
"wchan": "18446744071580909397",
"nswap": 0,
"cnswap": 0,
"exit_signal": 17,
"rt_priority": 0,
"policy": 0,
```

```
"prog_size": 17752,  
"resident": 1601,  
"share": 940,  
"t_size": 92  
}
```

Bigip.tmstats.virtual_server_cpu_stat

```
{  
  "time": 1545076080,  
  "host": "alb-bv3-2001-p2-1a.psd.acme.com",  
  "source": "bigip.tmstats.virtual_server_cpu_stat",  
  "sourcetype": "f5:bigip:stats:iapp:json",  
  "device_base_mac": "xx:xx:xx:xx:xx:xx",  
  "devicegroup": "device-group-failover-b92a84720f17",  
  "facility": "",  
  "app": "",  
  "appComponent": "",  
  "tenant": "",  
  "aggr_period": "60",  
  "name": "/Common/vs_web_wg1_80",  
  "avg_5sec": 0,  
  "avg_1min": 0,  
  "avg_5min": 0,  
  "slot_id": 0  
}
```

Bigip.tmstats.profile_udp_stat

```
{  
  "time": 1545076080,  
  "host": "alb-bv3-2001-p2-1a.psd.acme.com",  
  "source": "bigip.tmstats.profile_udp_stat",  
  "sourcetype": "f5:bigip:stats:iapp:json",  
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
```

```
"devicegroup": "device-group-failover-b92a84720f17",
"facility": "",
"app": "",
"appComponent": "",
"tenant": "",
"aggr_period": "60",
"name": "udp",
"vs_name": "_listener",
"open": 8,
"accepts": 2282,
"acceptfails": 0,
"connects": 6,
"connfails": 0,
"expires": 0,
"rxdgram": 17492,
"rxbaddgram": 0,
"rxunreach": 0,
"rxsummismatch": 0,
"rxbadsum": 0,
"rxnosum": 0,
"txdgram": 18210
}
```

Bigip.tmstats.mcp_transaction_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.tmstats.mcp_transaction_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "user": "%xui-30364",
  "size": 1,
  "max_size": 1,
  "total_transactions": 2,
  "process_time_mean": 41149,
  "process_time_variance": 3338834044
}
```

Bigip.tmstats.cpu_info_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psd.f.acme.com",
  "source": "bigip.tmstats.cpu_info_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "slot_id": 0,
  "cpu_id": 3,
  "user": 4033215,
  "nice": 125801,
  "system": 1112559,
  "idle": 17717478,
  "iowait": 362190,
  "irq": 0,
  "softirq": 68004,
  "stolen": 0,
  "ratio": 48,
  "five_sec_avg_user": 77,
  "five_sec_avg_nice": 0,
  "five_sec_avg_system": 8,
  "five_sec_avg_idle": 13,
  "five_sec_avg_iowait": 1,
  "five_sec_avg_irq": 0,
  "five_sec_avg_softirq": 0,
  "five_sec_avg_stolen": 0,
  "five_sec_avg_ratio": 86,
  "one_min_avg_user": 21,
  "one_min_avg_nice": 0,
  "one_min_avg_system": 4,
  "one_min_avg_idle": 72,
  "one_min_avg_iowait": 2,
  "one_min_avg_irq": 0,
  "one_min_avg_softirq": 0,
  "one_min_avg_stolen": 0,
  "one_min_avg_ratio": 26,
  "five_min_avg_user": 20,
  "five_min_avg_nice": 1,
  "five_min_avg_system": 5,
```

```
"five_min_avg_idle": 72,  
"five_min_avg_iowait": 1,  
"five_min_avg_irq": 0,  
"five_min_avg_softirq": 0,  
"five_min_avg_stolen": 0,  
"five_min_avg_ratio": 25,  
"plane_name": "analysis"  
}
```

Bigip.objectmodel.profile

```
{  
  "time": 1545056340,  
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",  
  "source": "bigip.objectmodel.profile",  
  "sourcetype": "f5:bigip:config:iapp:json",  
  "devicegroup": "device-group-failover-b92a84720f17",  
  "facility": "",  
  "profile_name": "/Common/wom-default-clientssl",  
  "profile_type": "client-ssl",  
  "cert_name": "/Common/default.crt"  
}
```

Bigip.tmstats.ip_stat

```
{  
  "time": 1545076080,  
  "host": "slb-sv3-20 00-p2-1a.psdf.acme.com",  
  "source": "bigip.tmstats.ip_stat",  
  "sourcetype": "f5:bigip:stats:iapp:json",  
  "device_base_mac": "xx:xx:xx:xx:xx:xx",  
  "devicegroup": "device-group-failover-b92a84720f17",  
  "facility": "",  
  "app": "",  
  "appComponent": "",  
  "tenant": "",  
  "aggr_period": "60",  
  "tx": "6194010892",  
  "rx": "5337547495",  
  "dropped": 0,  
}
```

```
"rx_frag": 2344,

"rx_frag_dropped": 282,

"tx_frag": 1728,
"tx_frag_dropped": 0,
"reassembled": 253,
"err_cksum": 0,
"err_len": 67,
"err_mem": 0,
"err_rtx": 0,
"err_proto": 0,
"err_opt": 0,
"err_reassembled_too_long": 0,
"nbr_pbq_full_dropped": 309519,
"nbr_unreachable_dropped": 606250,
"mcast_rx": 343232,
"mcast_tx": 0,
"err_mcast_rpf": 0,
"err_mcast_wrong_if": 0,
"err_mcast_no_route": 0,
"err_mcast_route_lookup_timeout": 0,
"err_mcast_max_pending_packets": 0,
"err_mcast_max_pending_routes": 0
}
```

Bigip.tmstats.profile_http_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.tmstats.profile_http_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "name": "http",
}
```



```
"vs_name": "_listener",
"vs_index": 0,
"cookie_persist_inserts": 0,
"resp_1xx_cnt": 0,
"resp_2xx_cnt": 0,
"resp_3xx_cnt": 0,
"resp_4xx_cnt": 0,
"resp_5xx_cnt": 0,
"resp_other_cnt": 0,
"number_reqs": 0,
"get_reqs": 0,
"post_reqs": 0,
"head_reqs": 0,
"put_reqs": 0,
"delete_reqs": 0,
"trace_reqs": 0,
"connect_reqs": 0,
"options_reqs": 0,
"proxy_reqs": 0,
"proxy_conn_reqs": 0,
"v9_reqs": 0,
"v10_reqs": 0,
"v11_reqs": 0,
"v9_resp": 0,
"v10_resp": 0,
"v11_resp": 0,
"max_keepalive_req": 0,
"resp_bucket_1k": 0,
"resp_bucket_4k": 0,
"resp_bucket_16k": 0,
"resp_bucket_32k": 0,
"resp_bucket_64k": 0,
"resp_bucket_128k": 0,
"resp_bucket_512k": 0,
"resp_bucket_2m": 0,
"resp_bucket_large": 0,
"idle_conn_splices": 0,
"idle_conns": 0,
"passthrough_irule": 0,
"passthrough_connect": 0,
"passthrough_web_sockets": 0,
"passthrough_oversize_client_headers": 0,
"passthrough_excess_client_headers": 0,
"passthrough_oversize_server_headers": 0,
"passthrough_excess_server_headers": 0,
"passthrough_unknown_method": 0,
"passthrough_pipeline": 0,
"passthrough_headers": 0
}
```

bigip.tmstats.host_info_stat

```
{
  "time": 1545076080,
  "host": "alb-bv3-2001-p2-1a.psdf.acme.com",
  "source": "bigip.tmstats.host_info_stat",
  "sourcetype": "f5:bigip:stats:iapp:json",
  "device_base_mac": "xx:xx:xx:xx:xx:xx",
  "devicegroup": "device-group-failover-b92a84720f17",
  "facility": "",
  "app": "",
  "appComponent": "",
  "tenant": "",
  "aggr_period": "60",
  "slot_id": 0,
  "total_ram": "16714280960",
  "free_ram": "14253203712",
  "shared_ram": 0,
  "buffer_ram": 10358784,
  "total_swap": "5368705024",
  "free_swap": "5039480832",
  "pages_in": 1003517,
  "pages_out": 73657,
  "irqs": "7388470937",
  "disk_io_count": 2092590,
  "disk_read_count": 811737,
  "disk_read_blocks": 48018861,
  "disk_write_count": 1280853,
  "disk_write_blocks": 61305526,
  "context_switches": "13995173893",
  "processes_running": 4,
  "processes_blocked": 0,
  "total_cpus": 4,
  "used_ram": 2461077248,
  "cache_ram": 555450368,
  "cache_swap": 25567232,
  "used_swap": 303656960,
  "tmm_total_ram": "14302576640",
  "tmm_used_ram": 780128000,
  "tmm_free_ram": "13522448640",
  "other_total_ram": 2411704320,
  "other_used_ram": 1680949248,
  "other_free_ram": 270635008,
  "enabled": 1
}
```

