



## Woody Technologies

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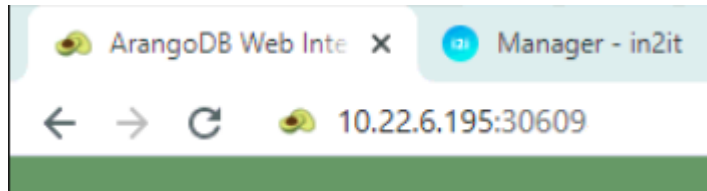
Failover procedure – July 2020

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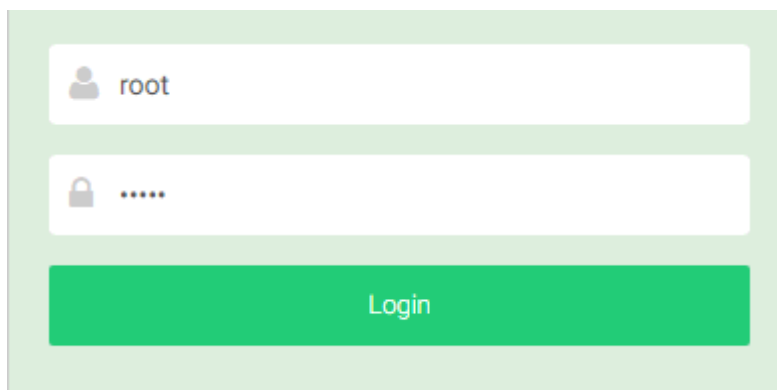
## 1. For preventive check on master

- Connect on Arango database available on server ip/dns on port 30609 (by default)

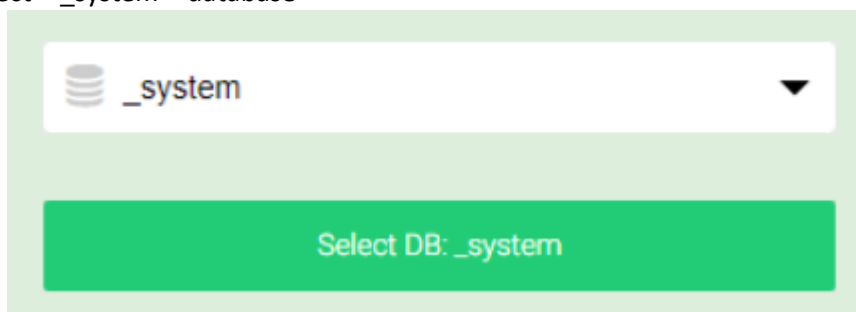


- Log in to the database :

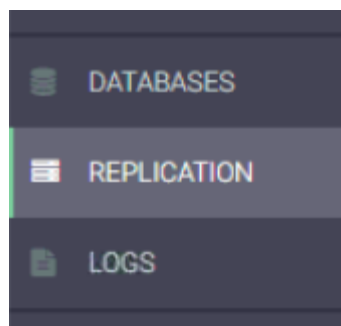
- ▶ username : root
- ▶ password : woody




- Select « \_system » database



- In left menu, select « REPLICATION »

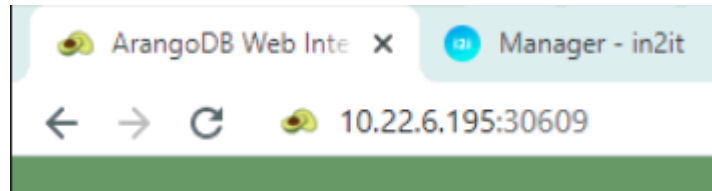


- Check that you have **Good**  health status and role « Master »

Enabled STATE	Master/Slave MODE	Master ROLE
Check Slaves For Details SEVER.	Good  HEALTH	1056863 LAST TICK

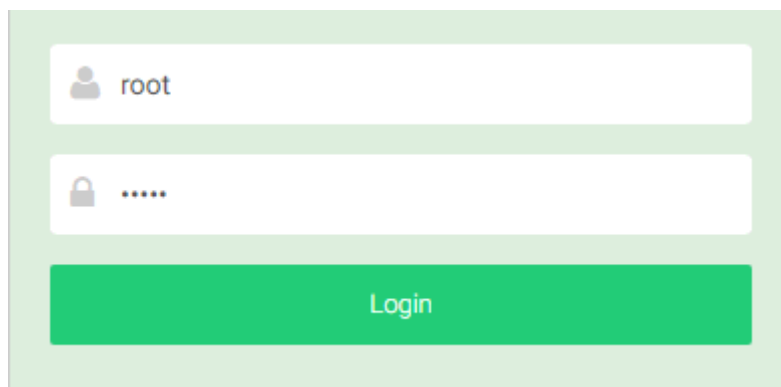
## 2. For preventive check on additional nodes

- Connect on Arango database available on server ip/dns on port 30609 (by default)

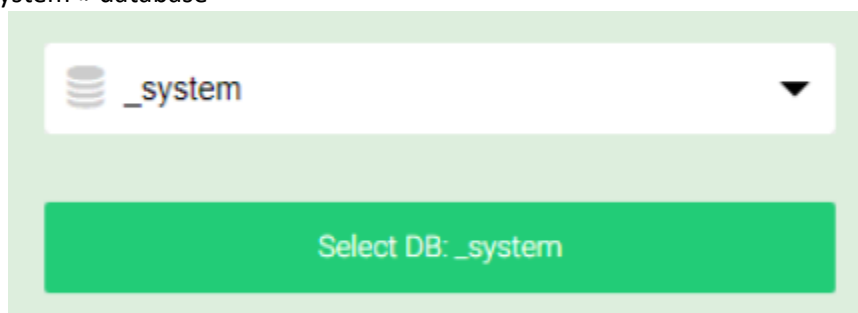


- Log in to the database :

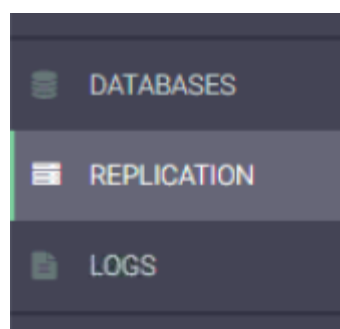
- ▶ username : root
- ▶ password : woody




- Select « \_system » database



In left menu, select « REPLICATION



- Check that you have **Good**  health status and role « Slave »

Enabled STATE	Master/Slave MODE	Slave ROLE
Database LEVEL	Good  HEALTH	260464404631864 SERVER ID

- If you click on « db1 » database

Slave States					
Database	Enabled	Phase	Replicating from	Last tick	State
db1 	true	running	http+ssl://10.22.6.191:30609/	1054669	
_system	false	inactive	not available	null	n/a

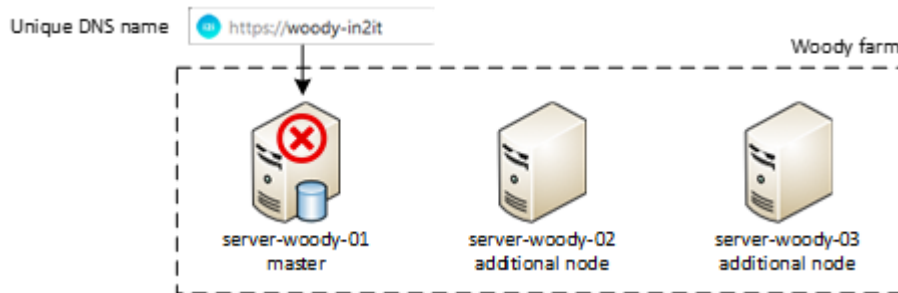
You can get date and time of latest update.

It's UTC time format, apply timeshift to be sure replication is correctly done.

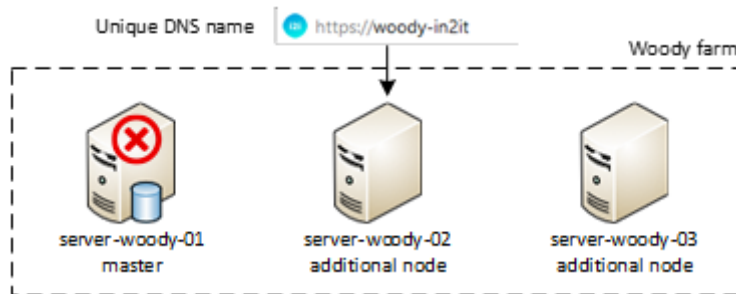
progress	time	2020-06-26T12:56:02Z
	message	fetching master log from tick 1055187, last scanned tick 1055187, first regular tick 902761, barrier: 0, open transactions: 0, chunk size 2097152
	failedConnects	0

### 3. Failover switch if master is down

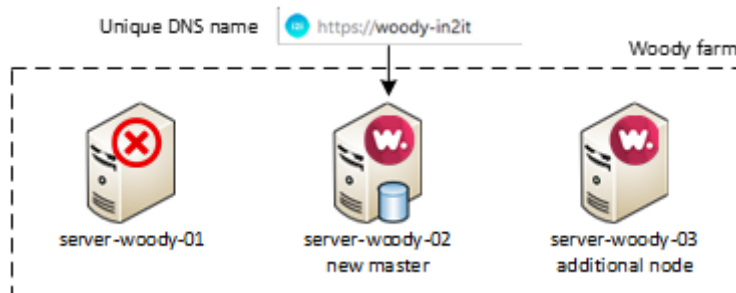
Considering the following system :



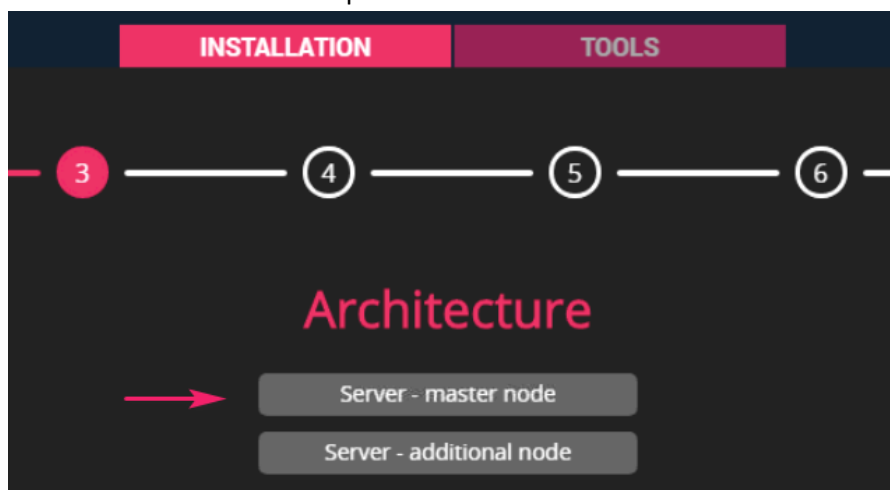
Redirect your unique DNS entry point to the future master IP/DNS (currently an additional node)



► On this new master, start a wizard, and configure it as « Server - master node ».



► Select « Server – master node » on step 3 of the wizard.



- ▶ On step 4, enter your unique DNS entry point as « Cluster DNS hostname »  
do not forget to configure all others advanced settings, like custom SSL certificate if you had one.

Cluster DNS hostname	woody-in2it
This node IP address	10.22.6.100
Temp files UNC path	\\10.22.6.100\SharedTempI
Clean installation (All previous data files will be lost)	<input type="checkbox"/>
Service username	.woody
Service password	..... <a href="#">view</a>
▼ <b>Advanced</b>	
Backup previous data before installing	<input checked="" type="checkbox"/>
Proxy port (https)	443
Proxy port (http)	80
Default Browser	Google Chrome ▼
ArangoDB password	..... <a href="#">view</a>
RabbitMQ password	..... <a href="#">view</a>
Custom certificate mode	Certificate files ▼

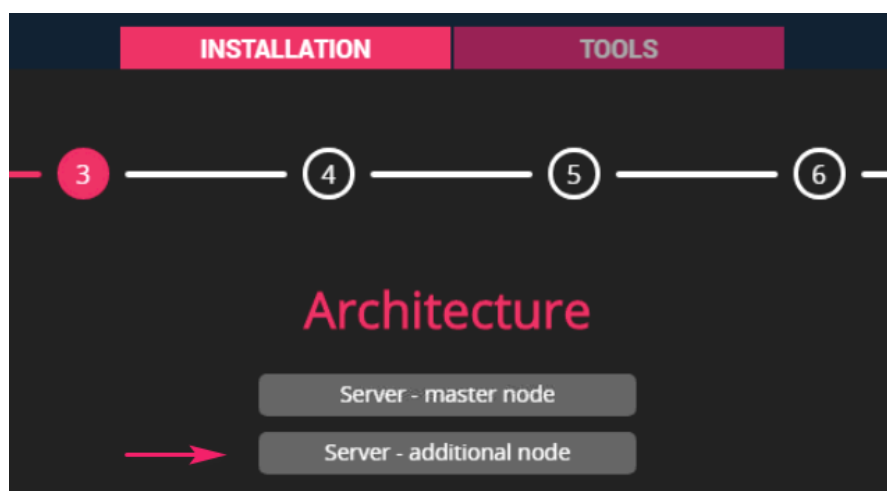
- ▶ Finish the wizard.

Woody will automatically get the locally backed up database and use it as main database.

You can now start this new server, and check that you have the correct configuration.

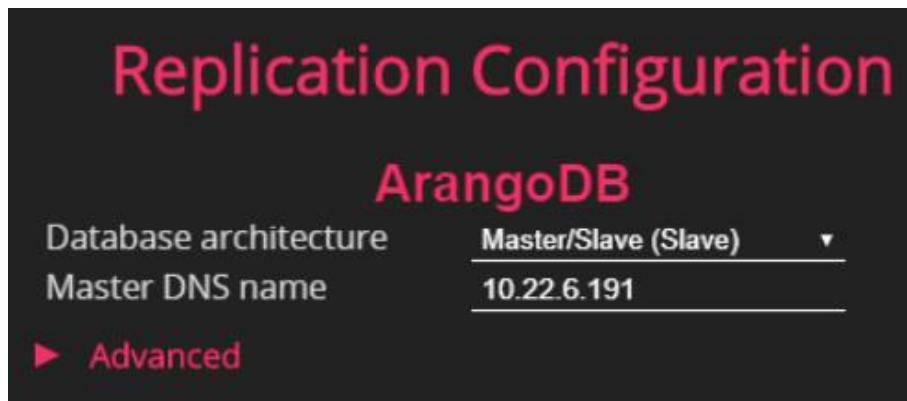
Then on all other active nodes, start a wizard to reconfigure it as additional nodes, and pointing to the new master for database replication

- ▶ On all others nodes, start a wizard and configure it as « additional node »





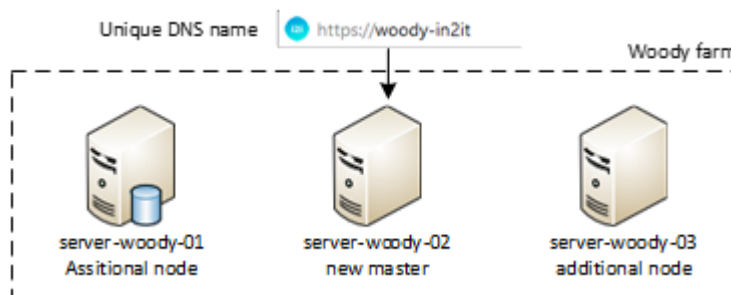
- ▶ Enter your unique DNS entry point as « cluster endpoint »



- ▶ Finish the wizard

Do not forget to re-configure the database replication on these nodes, from the new master

When the old master is fixed, you can restart it



Run a wizard and configure it as additional node.