Additional Network Scripts: Mnet Network Initialisation (Industrialisation)

VMoodle: Technical Guide

Context

This script industrialises the launch of the `init_mnet_node.php` script (worker) on all the available hosts of a VMoodle network.

It will ONLY process active tenants.

Syntax

```
  \$sudo -u www-data /usr/bin/php local/vmoodle/cli/bulkinitmnet.php --
withmaster
```

Options

- -m, –withmaster primes the main site (network head) in “subs” mode before processing the network tenants
- -h, –help Displays help
- -d, –debug Enables debug mode (Moodle debug) of the workers.
- -v, –verbose Increases output verbosity
- -s, –fullstop Stops the command at the first worker error encountered, otherwise skips the faulty worker and continues.

Action

With the `withmaster` mode active:

- Connects all active tenants to the network head.
- Connects each tenant to the network head.

Without the `withmaster` mode active:

- Only connects the tenants.

Additional notes

In the current state of the script, only a “star” configuration of the network is supported: The star configuration puts the main site (network head) in relation with each tenant, and each tenant knows ONLY the network head, positioning itself in a “star” around the main site.

Other configurations are possible:

- Full network configuration (all the tenants and the main site are all interconnected)
- Subnetwork cluster configuration (some subsets of tenants are interconnected, based on the value of their subnetwork identifier).

This script does not handle these configurations.

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