

# IPv6 testing

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# Client side environment

- Using an IPv6-only VM (no dual stack)
- Using common client tools (wget, ping, dig, host) with IPv6 option (-6)
- Very first tests

OK

```
122 wget http://repository.esi.eu/sw/production/umd/3/sl6/x86_64/updates/umd-release-3.14.4-1.el6.noarch.rpm
123 yum install umd-release-3.14.4-1.el6.noarch.rpm
124 cat /etc/issue
125 wget http://repository.esi.eu/sw/production/umd/UMD-DEB-PGP-KEY -O /tmp/umd.key
126 apt-key add /tmp/umd.key
127 wget https://dist.eugridpma.info/distribution/igtfc/current/GPG-KEY-EUGridPMA-RPM-3 -O /tmp/IGTF.key
128 apt-key add /tmp/IGTF.key
129 wget http://repository.esi.eu/sw/production/umd/3/debian/dists/squeeze/main/binary-amd64/umd-release-3.0.0_all.deb
130 dpkg -i umd-release-3.0.0_all.deb
```

# Testing (some) core services

Services
<a href="http://repository.esi.eu">repository.esi.eu</a> OK
<a href="http://argo.esi.eu">argo.esi.eu</a> OK
<a href="http://goc.esi.eu">goc.esi.eu</a>
<a href="http://accounting-next.esi.eu">accounting-next.esi.eu</a>
<a href="http://accounting.esi.eu">accounting.esi.eu</a>
<a href="http://operations-portal.esi.eu">operations-portal.esi.eu</a>
<a href="http://appdb.esi.eu">appdb.esi.eu</a>

\*Will update with test on Messaging Service soon

- Testing sites
  - Start a VM at fedcloud sites, check that IPv6 works
  - Start jobs at grid sites using IPv6 probes
  - Test site services (CE, SE...)
- UMD/CMD
  - Should be ready for the repo part
  - Tests for **product IPv6 readiness** must be restarted
    - To be handled by Software Provisioning (Quality Verification)
    - Contact Technology Providers to assess the readiness status of the products
- Testing core services

- Need to collect the information and **follow up**
  - Readiness of core services and products
  - There are wikis about IPv6, will start from there
    - <https://wiki.egi.eu/wiki/IPv6> → general wiki
    - [https://wiki.egi.eu/wiki/EGI-InSPIRE:JRA1\\_IPv6\\_Readiness](https://wiki.egi.eu/wiki/EGI-InSPIRE:JRA1_IPv6_Readiness) → useful info to get started
    - [https://wiki.egi.eu/wiki/Middleware\\_products\\_verified\\_for\\_the\\_support\\_of\\_IPv6](https://wiki.egi.eu/wiki/Middleware_products_verified_for_the_support_of_IPv6) → URT
  - Topic to be raised at URT meetings and EGI Operations meetings
- Define a **timeline?**

# Thank you for your attention.

*Questions?*



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