

# Deploying an IPv6-enabled Grid Testbed @ GridKa

Bruno Hoelt, Andreas Petzold

- integrated in HEPiX IPv6 WorkingGroup
- major common services will be deployed.

The Testbed consists of the following types of hosts:

## WorkerNode:

-- Rackmanager:

10.11.101.x/24 -- 2a00:1398:105:b65::/64  
 ① -- 10.11.101.200/24 - c11-101-200 2a00:1398:105:b65::200/64  
 ② -- 10.138.101.200/9 - mc11-101-200 2a00:1398:105:8a65::200/49

## FileServer

-- Rackmanager:

10.75.101.x/24 -- 2a00:1398:106:4b65::/64  
 ① -- 10.75.101.200 - f11-101-200 2a00:1398:106:4b65::200/64  
 ② -- 10.202.101.200 - mf11-101-20 2a00:1398:106:ca65::200/49  
 192.108.4[67].x

## Administration/Middelware

-- Rackmanager:

10.107.101.x/24 -- 2a00:1398:107:6b65::/64  
 ① -- 10.107.101.200 - a11-101.200 2a00:1398:107:6b65::200/64  
 ② -- 10.234.101.200 - ma11-101.200 2a00:1398:107:ea65::200/49  
 192.108.45.x

For the Administration of the IPv6\_Testbed-Cluster are the address ranges 2a00:1398:10[567]:a000::/49 reserved.

## Open issues

- PXE – boot → IPv6
- Rooks toolkit installation → IPv6
- UnivaGridEngine → IPv6
- Ganglia → IPv6
- CFengine – management – config distribution → IPv6
- Icinga → IPv6

