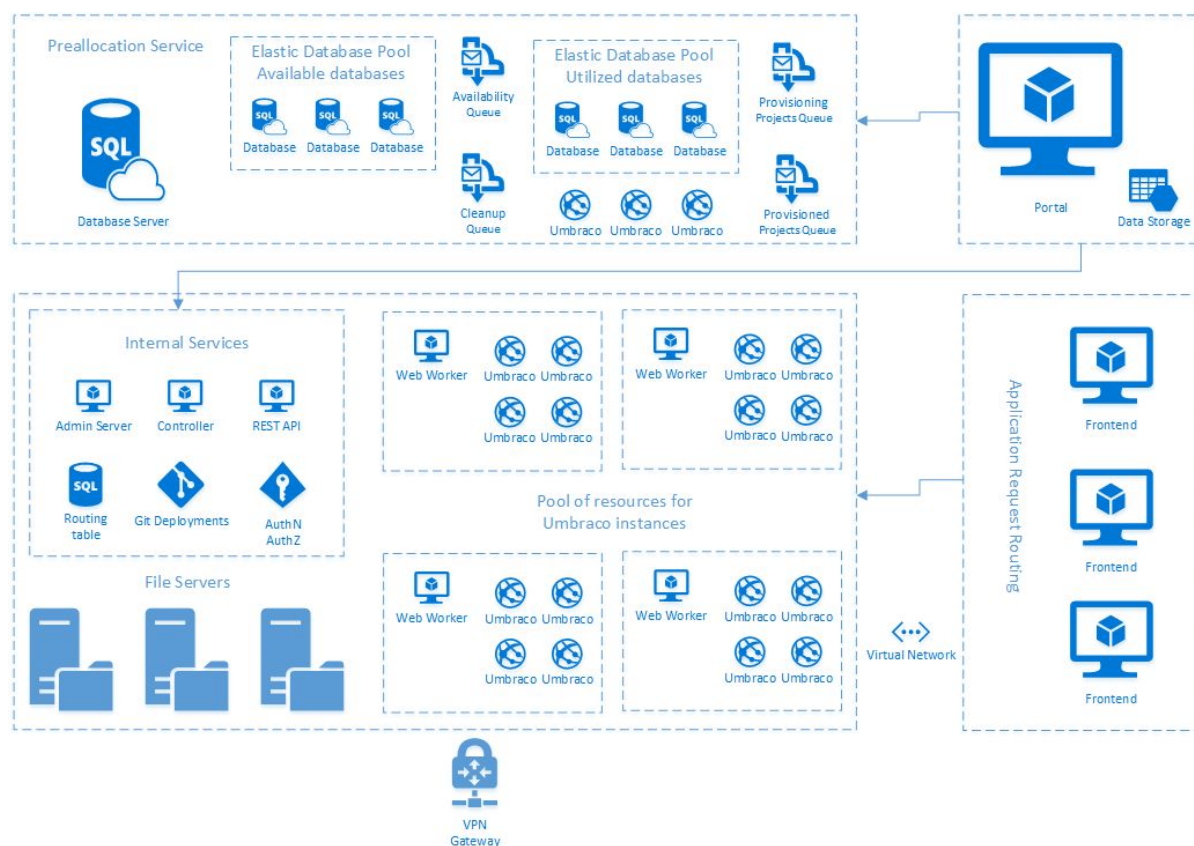Official Umbraco Whitepaper

Umbraco as a Service Infrastructure overview

Umbraco as a Service (UaaS) is based on the state of the art Cloud technology from Microsoft Azure, ensuring redundancy of the underlying services and compliance with industry standards.

Redundancy at the heart of everything
The infrastructure architecture of UaaS is designed ground up with redundancy in mind. From redundant storage, over Elastic SQL Azure Databases to a massive pool of Virtual Machines acting as workers for serving and scaling web requests, UaaS is built to be used and to last.

Technical specifications:

As per May 2016. We constantly update the infrastructure to the best performing cloud technology available, so make sure to check for the latest version of this whitepaper.

Databases:
- Microsoft Azure SQL Azure Elastic Pools Service
- 14 day point-in-time restore (backup)
- Protected by Firewalls

Filesystem:
- Multiple Azure DS-series file servers with underlying redundant storage
- Azure P30 Locally Redundant Premium Storage

Web Workers:
- Redundant pool of Azure DS-Series Web Workers optimised for the Umbraco Application
- Automated scaling and movement of sites based on server load

Front-ends:
- Redundant pool of Azure DS-Series Front-end Servers

Security:
- Constant on-going security checks and penetration tests by 3rd party
- Umbraco as a Service development process follows the same Code Review practices as the Umbraco CMS Core

Location (data center):
- Microsoft Azure West Europe

Compliance

For an up to date list of Compliance, visit the Microsoft Azure Compliance centre at: https://www.microsoft.com/en-us/trustcenter/Compliance

Service Level Agreements (SLA)

We offer up to 99.95% uptime guarantee depending on type of Umbraco as a Service plan and type of environments. Contact us for separate information about our SLA.