

# AS HCI Planning and System Deployment (includes Windows Server in HCI topologies)

## Description

A system deployment and configuration process that deploys and configures an Azure Stack HCI or Windows Server-based Hyper-Converged infrastructure platform on bare metal platforms.

The system uses an automated process to complete system deployment, which includes the configuration of hardware settings, network configuration, operating system deployment, application deployment and environment (settings) configuration.

## Capabilities

The deployment process performs the following activities:

- Automated deployment of management server via bootable USB media to facilitate deployment of the base operating system.
- Deployment of support workloads onto the management server.
- Download resource files and deployment media from external sources.
- Configuration of hardware out of band management systems.
- Configuration of hardware UEFI settings.
- Deployment of Operating System onto hardware platforms.
- Configuration of core Operating System settings, drivers, and firmware updates.
- Configuration of the OS Network components.
- Configuration of storage sub-system (Storage Spaces Direct).
- Configuration of virtualisation platform (Hyper-V).
- Deployment and configuration of management systems.
- Acuutech baseline system stress testing.

## Limitations

The following limitation applies to all deployment activities:

- Deployment is only supported on hardware configurations that Acuutech has validated.
- Deployment capabilities will not operate correctly on non-Acuutech validated hardware; this includes generic vendor-defined Azure Stack Hyper-Converged Infrastructure (AS HCI) certified systems.
- Acuutech reserves the right to modify the list of supported systems.
- Deployment requires the completion of deployment prerequisites and information gathering.
- Deployment may be completed in any location that conforms to deployment prerequisites, as defined in the client onboarding process.
- The deployment time depends on system hardware specification and the number of servers to be deployed.

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- Deployment time does not include the physical installation of hardware, and this time should be factored in as part of all deployment planning activities.
- System stress testing operations must be completed post-deployment and any identified issues resolved before Acuutech will support the system deployment. This process runs for a minimum of 48 hours post-deployment completion.