Features

Main Features

- Compliant with Intel® Rack Scale Design
- WebUI dashboard for hierarchal view
- Logical node composition based on payload templates
- Node provisioning through PXE server
- Power operations
- Restore composed node resources on PSME power cycle

WebUI Dashboard

- Composed nodes summary
- Chassis collection summary
- Systems summary
- Critical alerts
- Critical events

Provisioning Process

- Physical resource allocation
- Logical node assembly
- Node provisioning

ami Composer® POD MANAGER

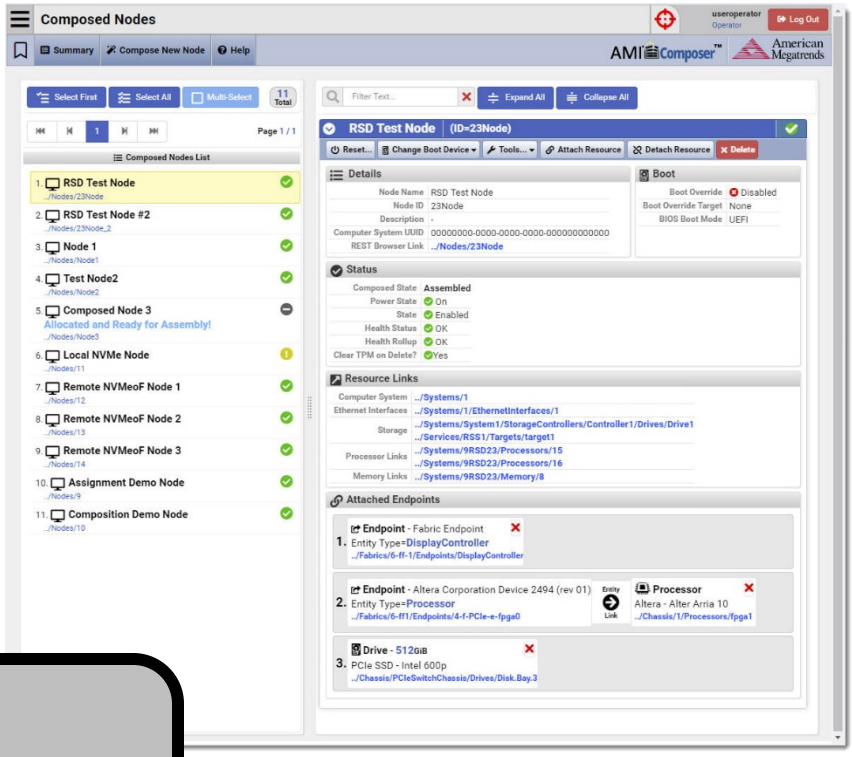
POD Management Software

Hyperscale POD Management solution providing simplified physical configuration of compute, network and storage level resources.

Developed to be fully compliant with Intel® Rack Scale Design, AMI Composer® from AMI is a POD management software solution that allows users to browse physical resources at the rack, chassis, and system level through an intuitive web-based user interface. Administrators can then assign and compose those physical resources to create a logical node, which provides the advantage of demand-driven dynamic scaling to optimize datacenter resource utilization. AMI Composer also allows for the composition of physical resources based on templates, which can then be stored and reused as a time-saving feature. In addition, AMI Composer gives users the ability to power on, force off, and gracefully shutdown composed nodes.

Benefits

Developing with Intel Rack Scale Design makes it possible to configure hardware to closely match the needs of the software. The AMI Composer interface simplifies the process of configuring hardware worklfows by presenting a visual representation of the available hardware. AMI Composer also sends alerts to the operator when it detects poor resource allocation, based on usage and slowdowns. It can also offer alternate recommendations for the allocation of resources.



Composed Nodes Summary View: Displays key information for pools of compute, memory, and storage resources across each composed node, as well as power

Key Capabilities:

Power | Fault | Discover | Boot Configuration | Telemetry

ami power • manage • secure

The AMI Composer Dashboard

The main dashboard displays the initial heirarchal overview of the rack, chassis and system resources

System Required Services

Prerequisites Include:

- Ubuntu Server (or similar validated OS)
- Internet Access for server
- Drawer computer system
- External host attached to storage network rack
- Storage service setup configuration
- DHCP server configuration
- iPXE open source network boot firmware compilation/installation
- 32 GB HDD/SDD minimum storage
- Custom certificates can be configured for secure HTTPS

For more information, please visit
ami.com/composer

ami™
power • manage • secure