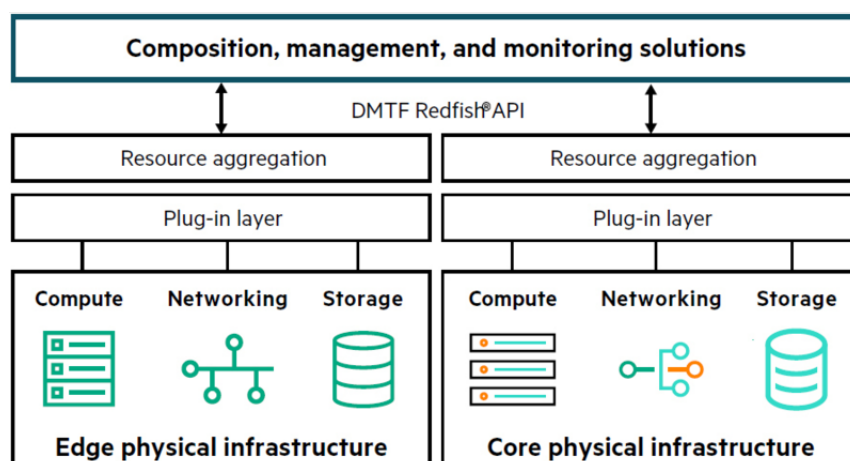


HPE RESOURCE AGGREGATOR FOR OPEN DISTRIBUTED INFRASTRUCTURE MANAGEMENT

System and Server Management Software



WHAT'S NEW

- Support for small footprint/embedded configurations to allow deployment on systems with limited CPU, memory and storage resources
- Support for IPv6 at the Resource Aggregator's northbound API, allowing

OVERVIEW

Are you deploying containerized or virtualized workloads (such as CNFs or VNFs) in your network, but are wrestling with the complexity of managing an underlying physical infrastructure made up of highly-distributed systems from multiple vendors? The HPE Resource Aggregator for Open Distributed Infrastructure Management delivers a standards-based

management applications to utilize the Resource Aggregator's capabilities on IPv4, IPv6, or dual stack networks

- Enhanced logging capabilities, including logging of security- and audit-related events, and support for the syslog format for improved integration with upstream management applications
- Expanded device firmware update capabilities via Redfish SimpleUpdate, broadening the scope of devices whose firmware can be upgraded via Redfish
- Redfish compliance updated to Redfish Schema 2021.2 and Specification 1.14.0
- Initial support for the Open Compute Project (OCP) Server Profile simplifies integration with OCP-compliant management clients

resource management capability enabling both enterprises and communications service providers to simplify management of multi-vendor, heterogeneous, distributed compute, storage, and data networking physical infrastructure with the scalability and flexibility that such deployments require. Acting as an abstraction and aggregation layer between deployed systems' diverse proprietary and legacy management interfaces and DMTF Redfish®-compliant management systems, the HPE Resource Aggregator for Open Distributed Infrastructure Management enables simplified, automated management and orchestration of multi-vendor network infrastructure.

FEATURES

Simplified Integration with Management and Orchestration Systems

The HPE Resource Aggregator for Open Distributed Infrastructure Management's RESTful APIs and support for the Redfish® data model allow easier integration with current and future management and orchestration systems.

Its industry standards-based approach maps data center resources - compute, storage, and Ethernet fabric - onto a DMTF Redfish® data model that can be easily automated and managed.

Deployed as containers in the customer's virtualized data center environment, the HPE Resource Aggregator for Open Distributed Infrastructure Management and its iLO plug-in can themselves be managed using common Kubernetes container management tools.

Open, Standards-Compliant, and Vendor-Neutral

The HPE Resource Aggregator for Open Distributed Infrastructure Management complies with the industry standard DMTF Redfish® data model. Its Redfish-compliant northbound RESTful API can be utilized by a variety of management, automation and orchestration applications and tools.

The HPE Resource Aggregator for Open Distributed Infrastructure Management supports multi-vendor deployments. Plugins translate proprietary and legacy management protocols into a JSON-based RESTful API based on the Redfish schema.

The HPE Resource Aggregator for Open Distributed Infrastructure Management is based on code from the open source LF Networking ODIM project (of which Hewlett Packard Enterprise is a founding member).

Open source plugins from the LF Networking ODIM project extend multi-vendor compatibility. The HPE Resource Aggregator for Open Distributed Infrastructure Management has been validated with open source plugins for Dell servers, Lenovo servers, and Cisco ACI Ethernet fabric.



Extensible Architecture

The HPE Resource Aggregator for Open Distributed Infrastructure Management features a plugin-based architecture that allows support for HPE and other vendors' infrastructure components (compute, storage, and Ethernet fabric).

The HPE iLO plugin leverages the functionality of HPE iLO 5 (v2.60 or later) built into Hewlett Packard Enterprise ProLiant servers, to enhance the manageability of those servers in a distributed infrastructure environment.

The Aruba Fabric Composer (v6.1.2) includes a plugin that works with the HPE Resource Aggregator for Open Distributed Infrastructure Management to enhance the manageability of network fabric based on select Aruba switches.

Hewlett Packard Enterprise publishes a detailed Plugin Developer's Guide to provide developers a set of guidelines for creating new plugins to work with the HPE Resource Aggregator for Open Distributed Infrastructure Management.



For additional technical information, available models and options, please reference the [QuickSpecs](#)

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