NVIDIA DGX SuperPOD: Next Generation Scalable Infrastructure for AI Leadership Reference Architecture Featuring NVDIA DGX B200

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Reference Architecture

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> **Tip**
>
> The NVIDIA DGX SuperPOD: Next Generation Scalable Infrastructure for AI Leadership Reference Architecture Featuring NVIDIA DGX B200 is also available as a PDF.

Chapter 1. Abstract

NVIDIA DGX SuperPOD™ with NVIDIA DGX™ B200 systems is the next generation of data center architecture for artificial intelligence (AI). Designed to provide the levels of computing performance required to solve advanced computational challenges in AI, high performance computing (HPC), and hybrid applications where the two are combined to improve prediction performance and time-to-solution. DGX SuperPOD is based upon the infrastructure built at NVIDIA for internal research purposes and is designed to solve the most challenging computational problems of today. Systems based on the DGX SuperPOD architecture have been deployed at customer data centers and cloud-service providers around the world.

Two key tenants of DGX SuperPOD are to embody the best combination of technologies available to be the premiere platform for AI computing, and to be designed in a manner that allows predictable scaling to fit workloads of different sizes. To make DGX SuperPOD the platform of choice for AI computing, DGX SuperPOD is powered by several key NVIDIA technologies, including:

▶ NVIDIA DGX B200 system—to provide the most powerful computational building block for AI and HPC.

▶ NVIDIA NDR (400 Gbps) InfiniBand—bringing the highest performance, lowest latency, and most scalable network interconnect.

▶ NVIDIA NVLink® technology—networking technologies that connect GPUs at the NVLink layer to provide unprecedented performance for most demanding communication patterns.

The DGX SuperPOD architecture integrates NVIDIA software solutions including NVIDIA Base Command™, NVIDIA AI Enterprise, CUDA, and NVIDIA Magnum IO™. These technologies help keep the system running at the highest levels of availability, performance, and with NVIDIA Enterprise Support (NVEX), keeps all components and applications running smoothly.

This reference architecture (RA) discusses the components that define the scalable and modular architecture of DGX SuperPOD. The system is built on the concept of scalable units (SU), each containing 32 DGX B200 systems, which provides for rapid deployment of systems of multiple sizes. This RA includes details regarding the SU design and specifics of InfiniBand, NVLink network, Ethernet fabric topologies, storage system specifications, recommended rack layouts, and wiring guides.

Chapter 2. Key Components of the DGX SuperPOD

The DGX SuperPOD architecture has been designed to maximize performance for state-of-the-art model training, scale to exaflops of performance, provide the highest performance to storage and support all customers in the enterprise, higher education, research, and the public sector. It is a digital twin of the main NVIDIA research and development system, meaning the company's software, applications, and support structure are first tested and vetted on the same architecture. By using SUs, system deployment times are reduced from months to weeks. Leveraging the DGX SuperPOD design reduces time-to-solution and time-to-market of next generation models and applications.

DGX SuperPOD is the integration of key NVIDIA components, as well as storage solutions from partners certified to work in the DGX SuperPOD environment.

2.1. NVIDIA DGX B200 System

The NVIDIA DGX B200 system (Figure 2.1) is an AI powerhouse that enables enterprises to expand the frontiers of business innovation and optimization. The DGX B200 system delivers breakthrough AI performance with the most powerful chips ever built, in an eight GPU configuration. The NVIDIA Blackwell GPU architecture provides the latest technologies that brings months of computational effort down to days and hours, on some of the largest AI/ML workloads.

Figure 2.1: DGX B200 system

Some of the key highlights of the DGX B200 system when compared to the DGX H200 system include:

▶ 72 petaFLOPS FP8 training and 144 petaFLOPS FP4 inference

▶ Fifth generation of NVIDIA NVLink.

► 1,440 GB of aggregated HBM3 memory

2.2. NVIDIA InfiniBand Technology

InfiniBand is a high-performance, low latency, RDMA capable networking technology, proven over 20 years in the harshest compute environments to provide the best inter-node network performance. **InfiniBand** continues to evolve and lead data center network performance.

The NDR generation InfiniBand, NDR, has a peak speed of 400 Gbps per direction with an extremely low port-to-port latency, and is backwards compatible with the previous generations of InfiniBand specifications. InfiniBand is more than just peak bandwidth and **low latency**. InfiniBand provides additional features to optimize performance including adaptive routing (AR), collective communication with SHARP^{TM}, dynamic network healing with SHIELD^{TM}, and supports several network topologies including fat-tree, Dragonfly, and multi-dimensional Torus to build the largest fabrics and compute systems possible.

2.3. Runtime and System Management

The DGX SuperPOD RA represents the best practices for building high-performance data centers. There is flexibility in how these systems can be presented to customers and users. NVIDIA Base Command Manager software is used to manage all DGX SuperPOD deployments.

DGX SuperPOD can be deployed on-premises, meaning the customer owns and manages the hardware as a traditional system. This can be within a customer's data center or co-located at a commercial data center, but the customer owns the hardware.

2.4. Components

The hardware components of DGX SuperPOD are described in Table 2.1. The software components are shown in Table 2.2.

Table 2.1: DGX SuperPOD hardware components by NVIDIA

Component	NVIDIA Technology	Description
Compute nodes	NVIDIA DGX B200 system with eight B200 GPUs	The world's premier purpose-built AI systems featuring NVIDIA B200 Tensor Core GPUs, fifth-generation NVIDIA NVLink, and fourth-generation NVIDIA NVSwitch™ technologies.
Compute node transceiver and cable	NVIDIA OSFP twin port flat top transceiver, MMF passive fiber cable	Transceiver and cables for DGX nodes
Compute fabric	NVIDIA Quantum QM9700 NDR 400 Gbps InfiniBand	Rail-optimized, non-blocking, full fat-tree network with eight NDR400 connections per system
InfiniBand Compute fabric switch transceiver and cable	NVIDIA OSFP twin port finned transceiver, MMF passive fiber cable	Transceiver and cables for InfiniBand switches
InfiniBand Storage fabric	NVIDIA Quantum QM9700 NDR 400 Gbps InfiniBand	The fabric is optimized to match peak performance of the configured storage array
InfiniBand Storage fabric switch transceiver and cable	NVIDIA QSFP single port flat top transceiver, MMF passive fiber cable	Transceiver and cables for InfiniBand switches
Ethernet Storage fabric	NVIDIA Spectrum-X SN5600 800 Gbps Ethernet	Optional storage fabric for ethernet based storage solutions
Ethernet Storage fabric switch transceiver and cable	NVIDIA QSFP single port flat top transceiver 400GB, NVIDIA OSFP twin port finned transceiver 800GB MMF passive fiber cable	Transceiver and cables for Spectrum-4 switches
Compute/storage InfiniBand fabric management	NVIDIA Unified Fabric Manager Appliance, Enterprise Edition	NVIDIA UFM combines enhanced, real-time network telemetry with AI powered cyber intelligence and analytics to manage scale-out InfiniBand data centers
In-band management network	NVIDIA SN5600 switch	64 port 800 Gbps and up to 256 ports of 200 Gbps Ethernet switch providing high port density with high performance
Ethernet In-band fabric switch transceiver and cable	NVIDIA QSFP single port flat top transceiver 400GB, NVIDIA OSFP twin port finned transceiver 800GB MMF passive fiber cable	Transceiver and cables for Spectrum-4 switches
In-band and Out-of-band (OOB) management network	NVIDIA SN2201 switch	48 port 1 Gbps Ethernet and 4 x 100 Gbps switch leveraging copper ports to minimize complexity

Table 2.2: DGX SuperPOD software components

Component	Description
NVIDIA Mission Control[1]	Simplified AI data center operations, cluster management, and workload orchestration with agility, resilience, and hyperscale efficiency for enterprises.
NVIDIA Base Command Manager	Comprehensive AI infrastructure management for AI clusters. It automates provisioning and administration and supports cluster sizes into the thousands of nodes.
NVIDIA Run:ai	Cloud-native AI workload and GPU orchestration platform enabling fractional, full, and multi-node support for the entire enterprise AI lifecycle including interactive development environments, training and inference
NVIDIA AI Enterprise	NVIDIA AI Enterprise is an end-to-end, cloud-native software platform that accelerates data science pipelines and streamlines development and deployment of production-grade co-pilots and other generative AI applications.
Magnum IO	Enables increased performance for AI and HPC
NVIDIA NGC	The NGC catalog provides a collection of GPU-optimized containers for AI and HPC
Slurm	A classic workload manager used to manage complex workloads in a multi-node, batch-style, compute environment

2.5. Design Requirements

DGX SuperPOD is designed to minimize system bottlenecks throughout the tightly coupled configuration to provide the best performance and application scalability. Each subsystem has been thoughtfully designed to meet this goal. In addition, the overall design remains flexible so that data center requirements can be tailored to better integrate into existing data centers.

2.5.1. System Design

DGX SuperPOD is optimized for a customers' particular workload of multi-node AI and HPC applications:

► A modular architecture based on SUs of 32 DGX B200 systems each.

► A fully tested system scales to four SUs, but larger deployments can be built based on customer requirements.

► Single rack that can support two DGX B200 systems per rack, so that the rack layout can be modified to accommodate different data center requirements.

► Storage partner equipment that has been certified to work in DGX SuperPOD environments.

► Full system support—including compute, storage, network, and software—is provided by NVIDIA Enterprise Experience (NVEX).

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[1] NVIDIA Mission Control includes Base Command Manager and Run:ai functionality. No separate purchase needed.

2.5.2. Compute Fabric

▶ The compute fabric is rail-optimized, balanced, full-fat tree topology

▶ Managed NDR switches are used throughout the design to provide better management of the fabric.

▶ The fabric is designed to support the latest SHaRP features.

2.5.3. Storage Fabric (High Speed Storage)

The storage fabric provides high bandwidth to shared storage. It also has the following characteristics:

▶ It is independent of the compute fabric to maximize performance of both storage and application performance.

▶ Provides single-node bandwidth of at least 40 GBps to each DGX B200 system.

▶ Storage is provided over InfiniBand or RDMA over Converged Ethernet to provide maximum performance and minimize CPU overhead.

▶ It is flexible and can scale to meet specific capacity and bandwidth requirements.

▶ Connectivity to management nodes required to provide storage access independent of compute nodes.

2.5.4. In-Band Management Network

▶ The in-band management network fabric is Ethernet-based and is used for node provisioning, data movement, Internet access, and other services that must be accessible by the users.

▶ The in-band management network connections for compute and management nodes operate at 200 Gbps and are bonded for resiliency.

2.5.5. Out-of-Band Management Network

The OOB management network connects all the base management controller (BMC) ports, as well as other devices that should be physically isolated from users. The Switch Management Network is a subset of the Out-Of-Band Network that provides additional security and resiliency.

2.5.6. Storage Requirements

The DGX SuperPOD compute architecture must be paired with a high-performance, balanced, storage system to maximize overall system performance. DGX SuperPOD is designed to use two separate storage systems, high-performance storage (HPS) and user storage, optimized for key operations of throughput, parallel I/O, as well as higher IOPS and metadata workloads.

2.5.6.1 High-Performance Storage

High-Performance Storage is provided via InfiniBand connected storage from a DGX SuperPOD certified storage partner, and is engineered and tested with the following attributes in mind:

▶ High-performance, resilient, POSIX-style file system optimized for multi-threaded read and write operations across multiple nodes.

- ► RDMA on InfiniBand or Ethernet support

- ► Local system RAM for transparent caching of data.

- ► Leverage local flash device transparently for read and write caching.

The specific storage fabric topology, capacity, and components are determined by the DGX SuperPOD certified storage partner as part of the DGX SuperPOD design process.

2.5.6.2 User Storage

User Storage differs from High-Performance storage in that it exposes an NFS share on the in-band management fabric for multiple uses. It is typically used for "home directory" type usage (especially with clusters deployed with Slurm), administrative scratch space, and shared storage as needed by DGX SuperPOD components in a High Availability configuration (e.g., Base Command Manager), and log files.

With that in mind, User Storage has the following requirements:

- ► 100 Gb/s connectivity is required.

- ► Designed for high metadata performance, IOPS, and key enterprise features such as checkpointing. This is different than the HPS, which is optimized for parallel I/O and large capacity.

- ► Communicate over Ethernet, using NFS.

User storage in a DGX SuperPOD is often satisfied with existing NFS servers already deployed, such that a new export is created and made accessible to the DGX SuperPOD's in-band management network. User Storage is therefore not described in detail in this DGX SuperPOD reference architecture. However, we require 100 Gb/s minimum bandwidth for the user storage.

Chapter 3. DGX SuperPOD Architecture

The DGX SuperPOD architecture is a combination of DGX systems, InfiniBand and Ethernet networking, management nodes, and storage. Figure 3.1 shows the rack layout of a single SU. In this example, power consumption per rack exceeds 25 kW. The rack layout can be adjusted to meet local data center requirements, such as maximum power per rack and rack layout between DGX systems and supporting equipment to meet local needs for power and cooling distribution.

Figure 3.2 shows an example management rack configuration with networking switches, management servers, storage arrays, and UFM appliances. Sizes and quantities will vary depending upon models used.

This reference architecture is focused on 4 SU units with 128 DGX nodes. DGX SuperPOD can scale to much larger configurations up to and beyond 64 SU with 2000+ DGX B200 nodes. See :numref: for more information.

Table 3.1: Larger DGX SuperPOD component counts

SU Count	Node Count	GPU Count	InfiniBand Switch Count			Cable Count		
			Leaf	Spine	Core	Node -Leaf	Leaf- Spine	Spine -Core
2	64	512	16	8	–	512	512	–
4	128	1024	32	16	–	1024	1024	–
8	256	2048	64	32	–	2048	2048	–
16	512	4096	128	128	64	4096	4096	4096
32	1024	8192	256	256	128	8192	8192	8192
64	2048	16384	512	512	256	16384	16384	16384

Contact NVIDIA for information regarding DGX SuperPOD solutions of four scalable units or more.

Figure 3.1: Complete single SU rack layout
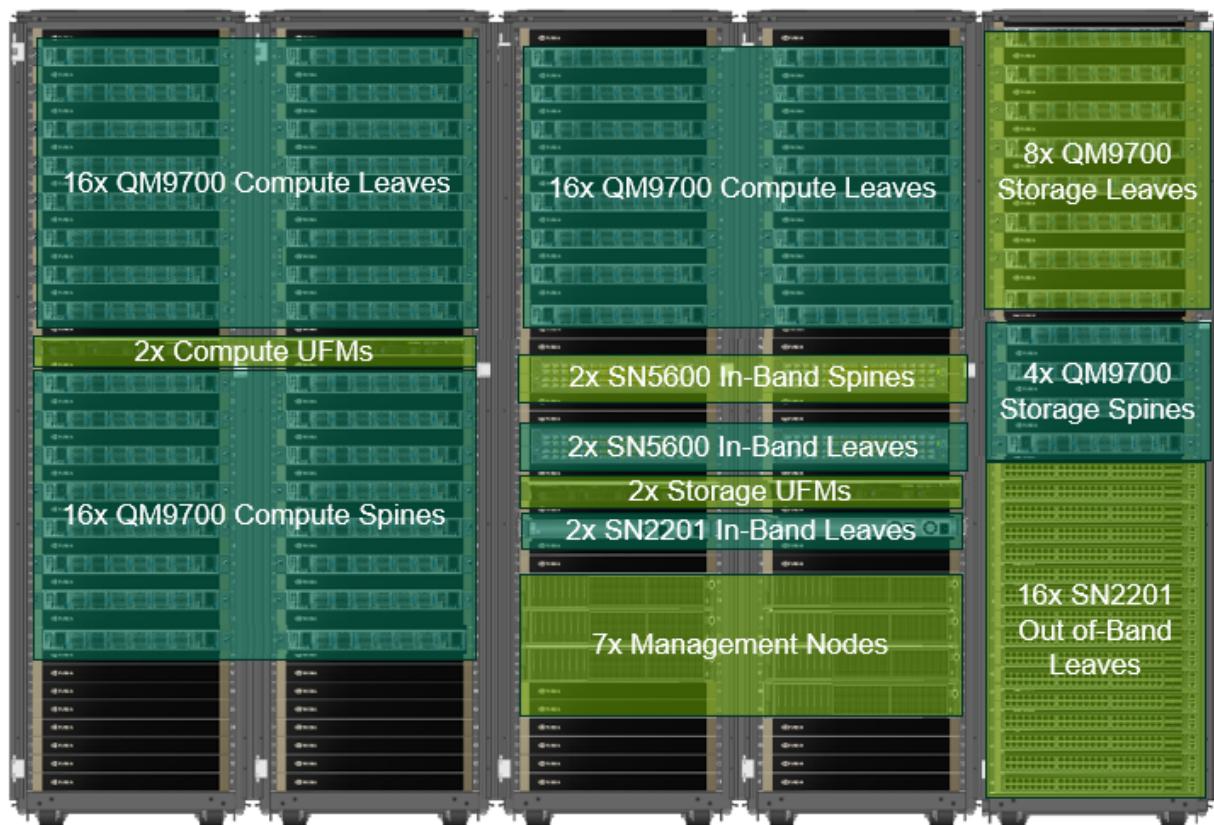
Figure 3.2: Management rack configuration

Chapter 4. Network Fabrics

Building systems by SU provides the most efficient designs. However, if a different node count is required due to budgetary constraints, data center constraints, or other needs, the fabric should be designed to support the full SU, including leaf switches and leaf-spine cables, and leave the portion of the fabric unused where these nodes would be located. This will ensure optimal traffic routing and ensure that performance is consistent across all portions of the fabric.

DGX SuperPOD configurations utilize four network fabrics:

- ► Compute Fabric
- ► Storage Fabric
- ► In-Band Management Network
- ► Out-of-Band Management Network

> **Note**
>
> Each network is detailed in this section.

Figure 4.1 shows the ports on the back of the DGX B200 CPU tray and the connectivity provided. The compute fabric ports in the middle use a two-port transceiver to access all eight GPUs. Each pair of in-band management and storage ports provide parallel pathways into the DGX B200 ystem for increased performance. The OOB port is used for BMC access. (The LAN port next to the BMC port is not used in DGX SuperPOD configurations.)

4.1. Compute Fabric

Figure 4.2 shows the compute fabric layout for the full 127-node DGX SuperPOD. Each group of 32 nodes is rail-aligned. Traffic per rail of the DGX B200 systems is always one hop away from the other 31 nodes in a SU. Traffic between nodes, or between rails, traverses the spine layer.

Table 4.1 shows the number of cables and switches required for the compute fabric for different SU sizes.
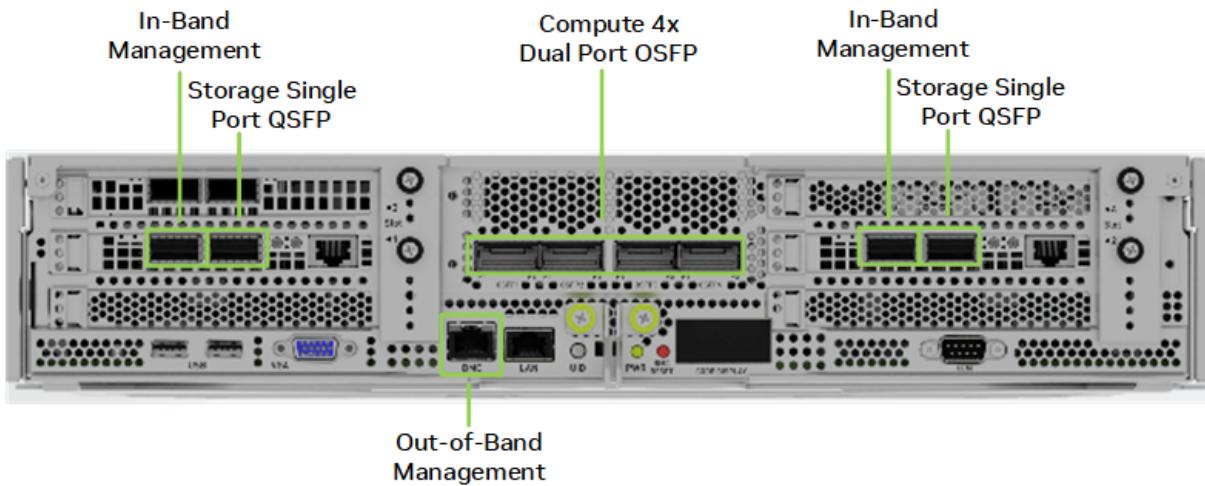
Figure 4.1: DGX B200 network ports
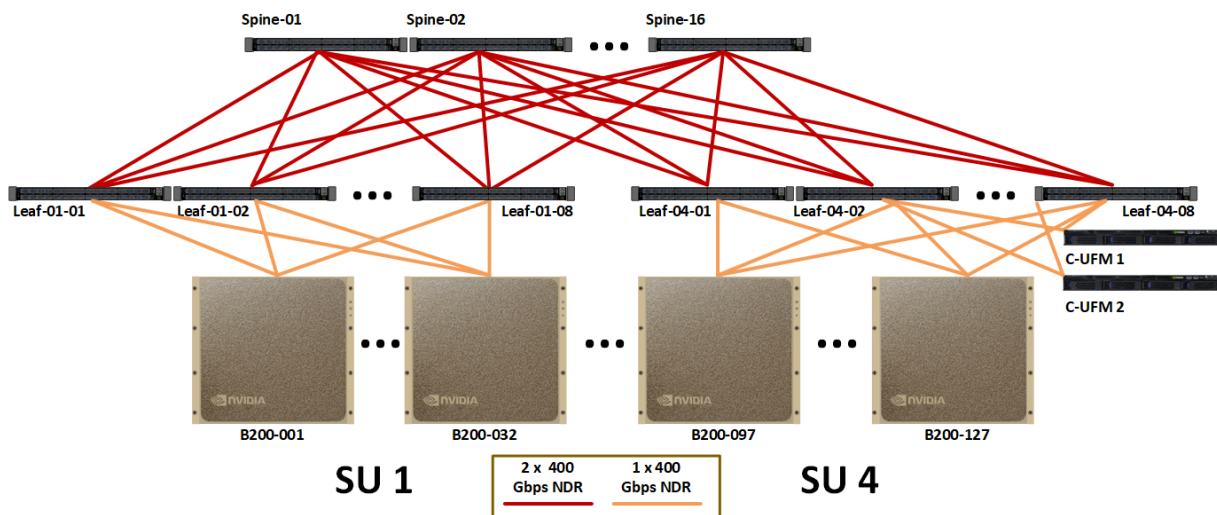
Figure 4.2: Compute fabric for full 127-node DGX SuperPOD

Table 4.1: Compute Fabric Component Count

| SU Count | Node Count | GPU Count | InfiniBand Switch Count | | Cable Counts | |
			Leaf	Spine	Compute and UFM	Spine-Leaf
1	31[1]	248	8	4	252	256
2	63	504	16	8	508	512
3	95	760	24	16	764	768
4	127	1016	32	16	1020	1024

[1]. This is a 32 node per SU design, however a DGX system must be removed to accommodate for UFM connectivity.

4.2. InfiniBand Storage Fabric

The storage fabric employs an InfiniBand network fabric that is essential to maximum bandwidth (Figure 4.3). This is because the I/O per-node for the DGX SuperPOD must exceed 40 GBps. High bandwidth-requirements with advanced fabric management features, such as congestion control and AR, provide significant benefits for the storage fabric.
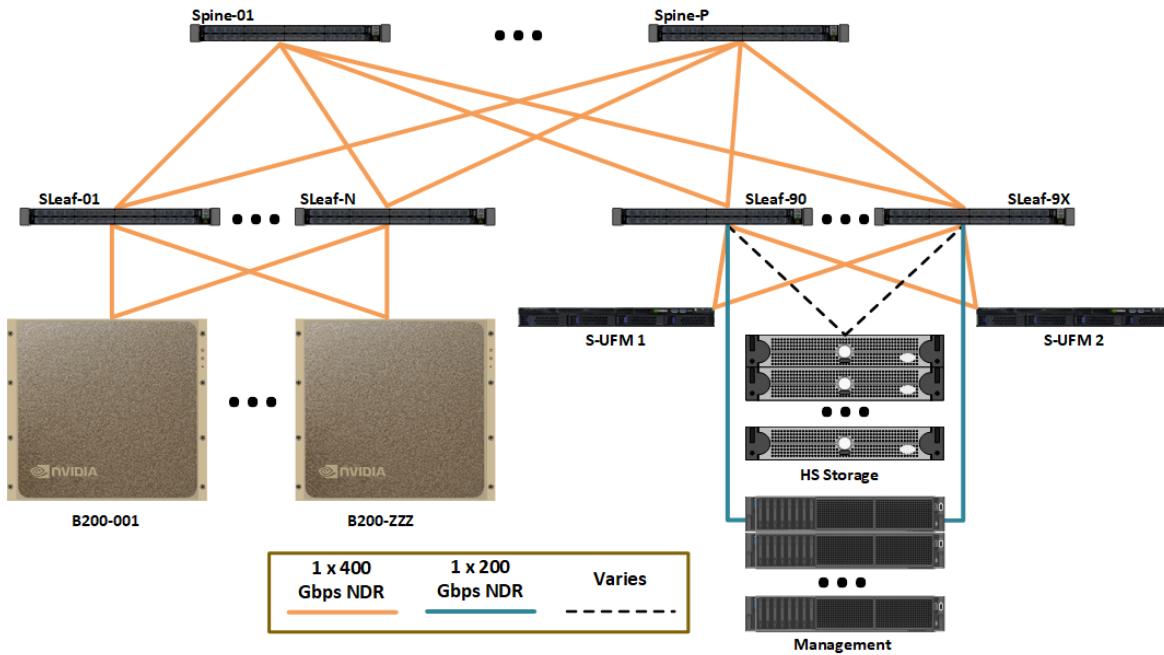

Figure 4.3: Storage fabric logical design

The InfiniBand storage fabric uses MQM9700-NS2F switches (Figure 4.4). The high-speed storage devices are connected at a 1:1 port to uplink ratio. The DGX B200 system connections are slightly oversubscribed with a ratio near 4:3 with adjustments as needed to enable more storage flexibility regarding cost and performance.

Figure 4.4: MQM9700-NS2F switch

4.3. Ethernet Storage Fabric

The Ethernet storage fabric employs a high-speed Ethernet network fabric that is essential to maximum bandwidth (Figure 4.5). This is because the I/O per-node for the DGX SuperPOD must exceed 40 GBps. High bandwidth-requirements with advanced fabric management features, provide significant benefits for the storage fabric. Supported ethernet storage appliance leverages RoCE to provide best performance and minimizes CPU usage.
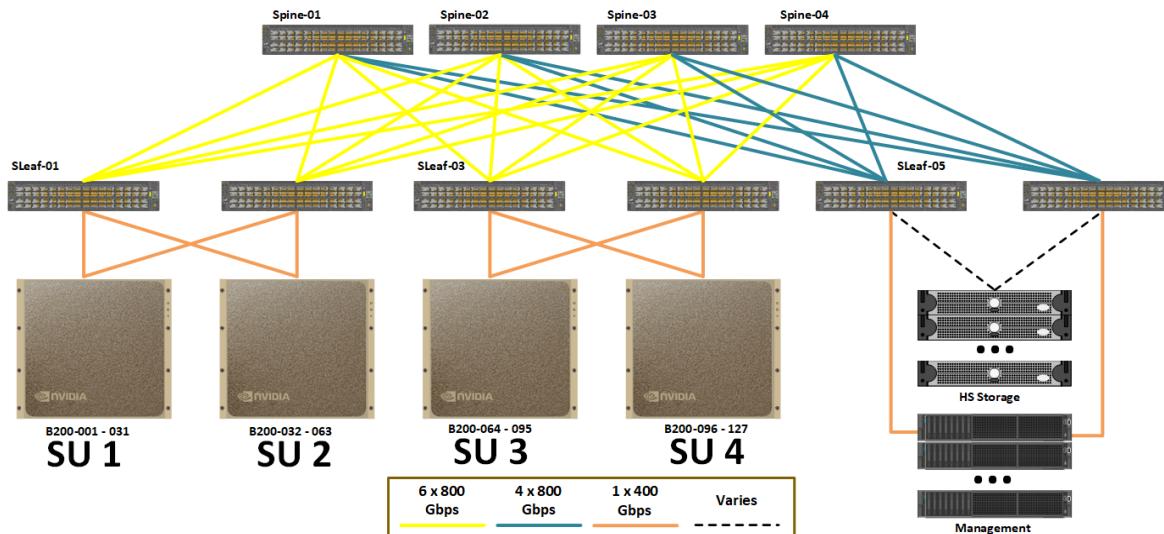
Figure 4.5: Storage fabric logical design

The storage fabric uses SN5600 switches (Figure 4.6). The high-speed storage devices are connected at a 1:1 port to uplink ratio. The DGX B200 system connections are slightly oversubscribed with a ratio near 4:3 with adjustments as needed to enable more storage flexibility regarding cost and performance.
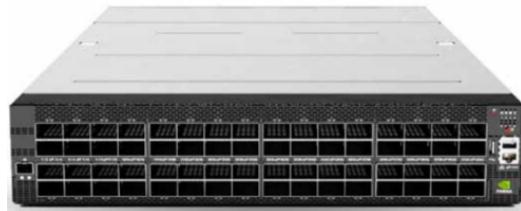
Figure 4.6: NVIDIA Spectrum SN5600 Ethernet Switch

4.4. In-Band Management Network

The in-band management network provides several key functions:

- ► Connects all the services that manage the cluster.

- ► Enables access to the data NFS tier.

- ► Provides connectivity for the in-cluster services such as Base Command Manager, Slurm, Run:ai and to other services outside of the cluster such as the NGC registry, code repositories, and data sources.

Figure 4.7 shows the logical layout of the in-band Ethernet network. The in-band network connects the compute nodes and management nodes. In addition, the OOB network is connected to the in-band network to provide high-speed interfaces from the management nodes to support parallel operations to devices connected to the OOB storage fabric, such as storage.

The OOB fabric and the In-Band fabric are logically separated on the spine layer to ensure secure isolation for these networks.
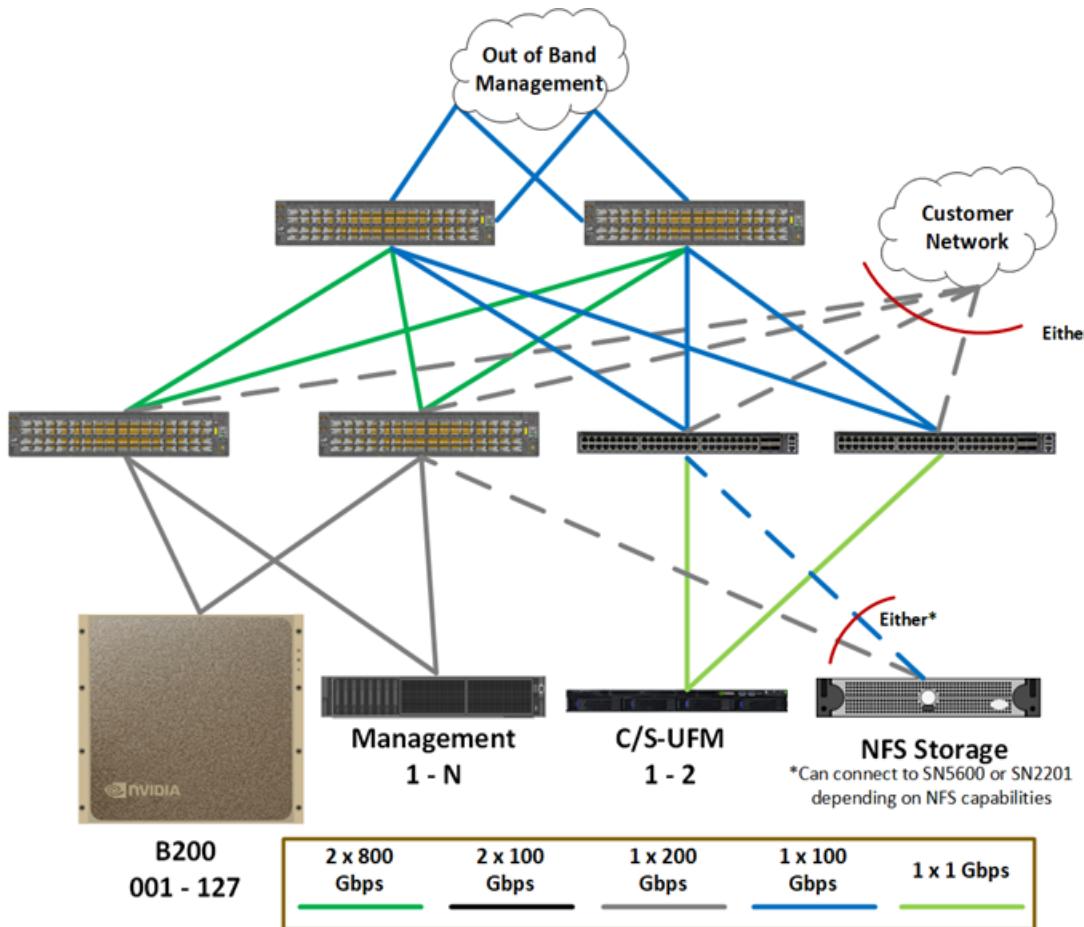

Figure 4.7: In-band Ethernet network

The in-band management network uses SN5600 and SN2201 switches (Figure 4.6 and Figure 4.9)

4.5. Out-of-Band Management Network

Figure 4.8 shows the OOB Ethernet fabric. It connects the management ports of all devices including DGX and management servers, storage, networking gear, rack PDUs, and all other devices. These are separated onto their own fabric because there is no use-case where users need access to these ports and are secured using logical network separation. Figure 4.8 shows the Switch Management Network is a subset of the Out-Of-Band Network that provides additional security and resiliency.
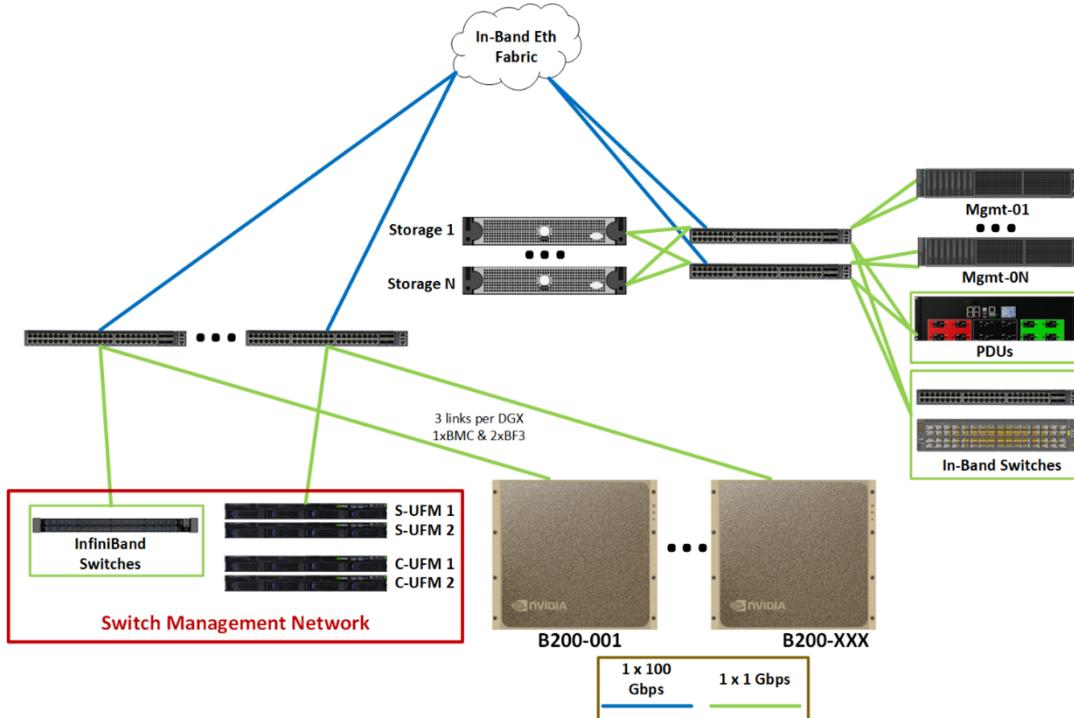

Figure 4.8: Logical OOB management network layout

The OOB management network uses SN2201 switches (Figure 4.9).

Figure 4.9: SN2201 switch

Chapter 5. Storage Architecture

Data, lots of data, is the key to development of accurate deep learning (DL) models. Data volume continues to grow exponentially, and data used to train individual models continues to grow as well. Data format, not just volume can play a key factor in the rate at which data is accessed so storage system performance must scale commensurately.

The key I/O operation in DL training is re-read. It is not just that data is read, but it must be reused again and again due to the iterative nature of DL training. Pure read performance still is important as some model types can train in a fraction of an epoch (ex: some recommender models) and inference of existing can be highly I/O intensive, much more so than training. Write performance can also be important. As DL models grow and time-to-train, writing checkpoints is necessary for fault tolerance. The size of checkpoint files can be terabytes in size and while not written frequently are typically written synchronously that blocks forward progress of DL models.

Ideally, data is cached during the first read of the dataset, so data does not have to be retrieved across the network. Shared filesystems typically use RAM as the first layer of cache. Reading files from cache can be an order of magnitude faster than from remote storage. In addition, the DGX B200 system provides local NVMe storage that can also be used for caching or staging data.

DGX SuperPOD is designed to support all workloads, but the storage performance required to maximize training performance can vary depending on the type of model and dataset. The guidelines in Table 5.1 and Table 5.2 are provided to help determine the I/O levels required for different types of models.

Table 5.1: Storage Performance Requirements

Level	Work Description	Data Set Size
Standard	Multiple concurrent LLM or fine-tuning training jobs and periodic checkpoints, where the compute requirements dominate the data I/O requirements significantly.	Most datasets can fit within the local compute systems' memory cache during training. The datasets are single modality, and models have millions of parameters.
Enhance	Multiple concurrent multimodal training jobs and periodic checkpoints, where the data I/O performance is an important factor for end-to-end training time.	Datasets are too large to fit into local compute systems' memory cache requiring more I/O during training, not enough to obviate the need for frequent I/O. The datasets have multiple modalities and models have billions (or higher) of parameters.

Table 5.2: Guidelines for storage performance

Performance Characteristic	Standard (GBps)	Enhanced (GBps)
Single SU aggregate system read	40	125
Single SU aggregate system write	20	62
4 SU aggregate system read	160	500
4 SU aggregate system write	80	250

High-speed storage provides a shared view of an organization's data to all nodes. It must be optimized for small, random I/O patterns, and provide high peak node performance and high aggregate filesystem performance to meet the variety of workloads an organization may encounter. High-speed storage should support both efficient multi-threaded reads and writes from a single system, but most DL workloads will be read-dominant.

Use cases in automotive and other computer vision-related tasks, where high-resolution images are used for training (and in some cases are uncompressed) involve datasets that easily exceed 30 TB in size. In these cases, 4 GBps per GPU for read performance is needed.

While NLP and LLM cases often do not require as much read performance for training, peak performance for reads and writes are needed for creating and reading checkpoint files. This is a synchronous operation and training stops during this phase. If you are looking for best end-to-end training performance, do not ignore I/O operations for checkpoints. Consider at least ½ of the read performance as recommended write performance for LLM and large model use cases.

The preceding metrics assume a variety of workloads, datasets, and need for training locally and directly from the high-speed storage system. It is best to characterize workloads and organizational needs before finalizing performance and capacity requirements.

Chapter 6. DGX SuperPOD Software

DGX SuperPOD is an integrated hardware and software solution. The included software (Figure 6.1) is optimized for AI from top to bottom. From the accelerated frameworks and workflow management through to system management and low-level operating system (OS) optimizations, every part of the stack is designed to maximize the performance and value of DGX SuperPOD.
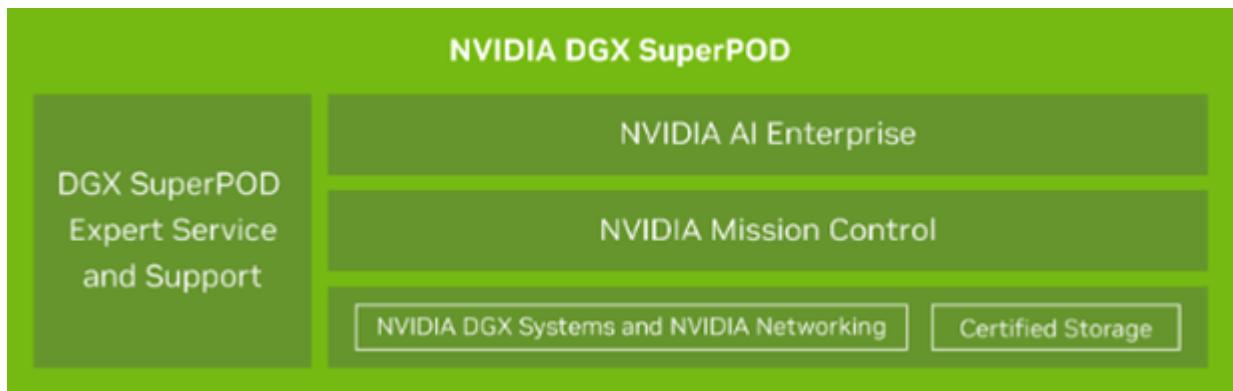
Figure 6.1: DGX SuperPOD high-level software architecture

6.1. NVIDIA Mission Control

NVIDIA Mission Control is the standard for every DGX SuperPOD with DGX B200. It streamlines AI operations, from workloads to infrastructure, with world-class expertise delivered as software powering AI data centers, bringing instant agility for inference and training while providing full-stack intelligence for infrastructure resilience. Every enterprise can run AI with hyperscale efficiency, simplifying and accelerating AI experimentation.

NVIDIA Mission Control includes NVIDIA Base Command Manager and NVIDIA Run:ai functionality as part of integrated software delivery across configuration, validation, and operations.

6.1.1. NVIDIA Base Command Manager

NVIDIA Base Command Manager offers fast deployment and basic end-to-end management for heterogeneous AI and HPC clusters. It automates provisioning and administration of DGX SuperPOD from hundreds to thousands of nodes.

6.1.2. NVIDIA Run:ai

NVIDIA Run:ai is cloud native AI workload and GPU orchestration platform that simplifies and accelerates AI and machine learning with DGX SuperPOD through dynamic resource allocation, comprehensive AI lifecycle support, strategic resource management and advanced scheduling. Run:ai maximizes GPU efficiency and workload capacity. Its policy engine, open architecture, and visibility into AI workloads foster strategic alignment with business objectives.

6.2. NVIDIA NGC

NVIDIA NGC provides software to meet the needs of data scientists, developers, and researchers with various levels of AI expertise.

Software hosted on NGC undergoes scans against an aggregated set of common vulnerabilities and exposures (CVEs), crypto, and private keys.

Software from the NGC catalog is tested and ensured to scale to multiple GPUs and in some cases, to scale to multi-node, ensuring users maximize the use of their DGX SuperPOD.

6.3. NVIDIA AI Enterprise

NVIDIA AI Enterprise is the end-to-end software platform that brings generative AI into reach for every enterprise, providing the fastest and most efficient runtime for generative AI foundation models developed with the NVIDIA DGX platform. With production-grade security, stability, and manageability, it streamlines the development of generative AI solutions. NVIDIA AI Enterprise is included with DGX SuperPOD for enterprise developers to access pretrained models, optimized frameworks, microservices, accelerated libraries, and enterprise support.

Chapter 7. Summary

DGX SuperPOD with NVIDIA DGX B200 systems is the next generation of data center scale architecture to meet the demanding and growing needs of AI training. This RA document for DGX SuperPOD represents the architecture used by NVIDIA for our own AI model and HPC research and development. DGX SuperPOD continues to build upon its high-performance roots to enable training of the largest NLP models, support the expansive needs of training models for automotive applications, and scaling-up recommender models for greater accuracy and faster turn-around-time.

DGX SuperPOD represents a complete system of not just hardware but all the necessary software to accelerate time-to-deployment, streamline system management, proactively identify system issues. The combination of all these components keeps systems running reliably, with maximum performance, and enables users to push the bounds of state-of-the-art. The platform is designed to both support the workloads of today and grow to support tomorrow's applications.

Chapter 8. Notices

8.1. Notice

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