

Reference Architectures

Unit 11 - Summary

- **Reference Architectures:** NVIDIA offers several data center reference architectures including DGX BasePOD and DGX SuperPOD.
- **Benefits:** Reference architectures reduce cost for design and planning, offer faster deployment, and improve reliability.
- **DGX BasePOD:** DGX BasePOD is an integrated solution with NVIDIA systems, networking, software, and partner storage appliance.
- **DGX Systems:** DGX systems include NVIDIA B200 and H100 GPUs, Intel Xeon processors, and high-speed networking.

What are reference architectures?

Reference architectures are documents that show a recommended framework for the implementation of a system. They are based on best practices and design principles and provide a foundation for designs using systems and components.

What are the benefits of reference architectures?

Reference architectures demonstrate how specific designs solve problems, reduce cost for design and planning, offer a design that can be tailored to meet an organization's needs, provide faster deployment and quicker time to solution, reduce complexity, and improve reliability.

What are some of the reference architectures offered by NVIDIA?

Some of the reference architectures offered by NVIDIA and covered in this unit are the NVIDIA DGX BasePOD, NVIDIA DGX SuperPOD, NVIDIA AI Enterprise, and the Cloudera data platform.