



Serverless Infrastructure With Azure Containers

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The \$3,799 PowerEdge 210 will come with a 180-MHz Pentium Pro processor with an integrated 256KB level 2 cache, 32MB of ECC memory, a 2GB hard disk, an 8X CD-ROM drive, 3Com 10/100 Ethernet card, and Windows NT 3.5.1.

A PowerEdge 2100 with a 200-MHz Pentium Pro processor and two 4GB hard drives and 128MB of ECC memory will ship for \$6,499. Other features of the 2100 line include 3 PCI slots, 3 EISA slots, Intel's Server Manager package and an optional Ultra-Wide SCSI controller.

Enterprise-Class Performance

The Dell PowerEdge 6100 delivers industry-leading performance with up to four 200MHz Pentium Pro processors, each with integrated 512KB cache, and up to 4GB of ECC memory. Additional performance features include:

- Redundant, load-balancing network interface card (NIC) software: This software distributes network traffic evenly across multiple NICs giving customers faster access to the PowerEdge 6100 server.

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- Developer gone DBA
- SQL Server 6.5 =>
- Consultant
- Community Organiser
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Deploying a new system in year 2000

- Order hardware
- Assemble hardware
- Configure network
- Configure OS
- Install SQL
- Deploy database

Some of my tasks as an accidental DBA in year 2000

- Check if disks are near capacity
 - Order new disks and controllers and build a new RAID array in the server
- Replace faulty disks
- Add a new CPU to the database server
- Deploy database changes with manual script execution

Since then, a thing or two changed

Revolution 1

Storage Area Network

Revolution 2

Virtualisation

Revolution 3

Containers

Revolution 4

Cloud containers

**And that's just on the
hardware side of
things**

Demo

- Dockerfile walkthrough
- Build container images
- Azure container registry
- Size matters – keep your containers small
- Containerize application with app and database
- Deploy containerised app as container group to Azure Container Instance

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