

# FlexPod®

## FlexPod Select for High-Performance Oracle Real Application Clusters (RAC)

Improve response time for business-critical applications

### Do More Business, Faster

Your applications running on Oracle® databases demand extreme performance. The NetApp® FlexPod® integrated infrastructure, developed jointly by NetApp and Cisco, has the power, flexibility, and availability you need to handle all your business-critical Oracle workloads.

Cisco® and NetApp FlexPod Select solutions are designed for dedicated, high-performance workloads, including database, big data, HPC, and video analytics. The preconfigured, validated solutions combine NetApp storage and Cisco UCS® integrated infrastructure (Cisco networking and Cisco UCS servers). FlexPod Select configurations accelerate time to value from your data, reduce risk, and increase your business flexibility.

FlexPod Select for High-Performance Oracle RAC encompasses all the benefits of FlexPod Select—including validated, preconfigured, pretested configurations; simplified management; high availability and resiliency; improved efficiency; and easy scaling—plus:

- Over 1 million IOPS (for 100% read workloads)
- Consistent submillisecond latency
- The ability to scale the infrastructure linearly for performance
- A balanced configuration across networking, servers, and storage
- Easy addition or replacement of Oracle RAC blades in minutes

FlexPod Select for High-Performance Oracle RAC delivers performance, business agility, and availability for all your business-critical workloads running on Oracle Database.

### Business Benefits

#### Enhanced Performance

- Deliver faster services.
- Improve application availability.
- Process more transactions.
- Accelerate time to value.
- Be more competitive.

#### Balanced Scalability

- Scale performance linearly up and out as you grow.
- Use validated configurations to speed application development.
- Redeploy single-server databases onto a cluster for combined memory and processing power.

#### Greater Availability

- Respond to changing business needs with minimal disruption.
- Improve application uptime to help meet SLAs.
- Improve end-user and application response times.
- Avoid lock-in and leverage an evolving, open ecosystem.



## Boost Transaction Processing, Services Delivery, and Competitiveness

FlexPod Select for High-Performance Oracle RAC handles your most demanding Oracle workloads and data storage needs by taking advantage of all-flash EF-Series storage arrays. The standard FlexPod Select for High-Performance Oracle RAC configuration delivers over 1 million IOPS, and it can be scaled down by half or scaled higher if your production Oracle Database workloads demand it.

NetApp's industry-leading flash portfolio—including hybrid and all-flash solutions—accelerates your Oracle Database transactions. In this case, the solution leverages the EF-Series all-flash enterprise storage, which is designed for performance-driven applications that have submillisecond latency requirements. FlexPod Select for High-Performance Oracle RAC allows you to process more transactions and deliver faster services, all while keeping your database applications available for all your end users. It enables your business to be more competitive by enabling your customers to have a reliably fast experience with the applications you develop.

## Respond to Changing Business Needs Fast, with Little or No Disruption

FlexPod solutions include validated configurations and reference designs. As a result, you can develop applications faster and with less risk.

Use FlexPod Select for High-Performance Oracle RAC so that you can handle the inevitable unexpected performance increases from fast-growing business-critical applications built on top of Oracle Database.

FlexPod Select for High-Performance Oracle RAC lets you scale up or out without changing your IT architecture. Or start smaller now, with a half configuration that delivers 500,000 IOPS, and scale with ease to a larger configuration in increments of 500,000 IOPS as your application requirements grow.

## Accelerate Your Business and Reduce Risk by Keeping Your Applications Available

FlexPod Select for High-Performance Oracle RAC enables frequent database backups. It also restores in seconds for data consistency. In fact, it allows you to achieve two times faster recovery times than those of traditional solutions.

Individually and in concert, the components of the FlexPod solution work to keep your applications

available. Integrated high-availability and disaster recovery capabilities enable you to achieve “always-on” database performance. The EF-Series all-flash arrays deliver 99.999% availability; by following best practices our customers have achieved 99.9999% availability. NetApp's secure multi-tenancy is industry-certified to keep applications securely isolated in a shared infrastructure.

## Get Started Today

Find out how FlexPod Select for High-Performance Oracle RAC can enable you to run your business-critical Oracle workloads faster—to get more done, respond to changing business needs, and be more competitive. Contact your local NetApp or Cisco representative or partner. Get more detailed information on our website, or read our technical design guide.

### FlexPod Select support:

Through FlexPod Cooperative Support, NetApp works with Cisco and our technology partners—including Oracle, Microsoft, VMware, Citrix, and Red Hat—to resolve integrated infrastructure issues fast. NetApp works directly with Oracle to resolve Oracle Database-related issues. You have access to coordinated, world-class technical support for the full range of interoperable technologies involved.

