

# **Citrix Certified Expert - App Delivery and Security (CCE-AppDS)**



## **Online Course**



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# Citrix Certified Expert - App Delivery and Security (CCE-AppDS)

## Course Modules

### 1. Getting Started

- Understand the Citrix ADC architecture and functionality
- Identify Citrix ADC hardware and its components
- Determine the deployment & licensing options for a given environment
- Determine how to setup and configure Citrix ADC

### 2. Basic Networking

- Determine which networking topology to use with Citrix ADC
- Determine which interfaces IP address types and VLANs
- Identify which Citrix ADC routing and traffic-handling mode
- Determine how to configure Access Control Lists

### 3. Citrix ADC Platforms

- Determine which hardware to use (Citrix ADC MPX, VPX, CPX, etc)
- Identify the pieces of the multi-tenant structure for Citrix ADC SDX.
- Determine the specific function of the SDX when given various SDX



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## 4.High Availability

- Understand how the high availability (HA) process works on Citrix ADC.
- Citrix ADC high availability configuration options
- Method should be used to manage a Citrix ADC high availability
- Determine how to resolve common high availability issues.

## 5.Load Balancing

- Identify the Citrix ADC load-balancing role of entities.
- The different load-balancing & monitoring options available
- Determine how to customize monitoring and service options
- Determine which method to use to protect & troubleshoot a Citrix ADC

## 6.SSL Offload

- The process and requirement for uploading SSL Certificates
- Determine how to create SSL virtual servers.
- Determine which SSL deployment to use
- Which Citrix ADC config settings can prevent a given SSL Exploit.



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## 7. Securing the Citrix ADC

- Determine how to utilize authentication, authorization, & auditing.
- Determine how to configure authentication & authorization on Citrix ADC
- Determine the components and steps required
- Determine how to utilize admin partitions

## 8. Troubleshooting

- Determine how to resolve Citrix ADC log issues
- Citrix ADC environment with Simple Network Management Protocol data
- AppFlow and Citrix Application Delivery Management features
- Determine how to use the Citrix Application Delivery Management
- Determine which Citrix ADC troubleshooting tool to use to identify

## 9. Default Policies

- Determine how to configure Citrix ADC advanced policy expressions
- Determine how to configure actions in policy expression evaluation
- Determine which key attributes need to be included in policy binding
- Determine how to create default policies with AppExpert
- Determine how to use HTTP callouts and rate limiting



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## 10. Rewrite, Responder, and URL Transform

- Determine how to utilize the rewrite feature
- Determine how to utilize responder policies
- Determine how to use URL transformation
- Determine how to utilize pattern and data sets

## 11. Content Switching

- Determine how to utilize Content Switching components
- Determine how to use Content Switching policies
- Determine how rule precedence affects policies

## 12. Optimization

- Implement traffic compression in a Citrix ADC environment
- Determine how to configure front end optimization

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## 13. Global Server Load Balancing

- How to deploy Domain Name System (DNS) to support GSLB
- Determine how to Implement GSLB in a Citrix ADC environment
- Determine how to utilize Content Switching to implement GSLB.
- Determine how to use GSLB metric exchange protocol
- Determine how to customize a GSLB config based on the needs

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