



certified

## EXAM BLUEPRINT

# F5 Certified Administrator, NGINX (F5-CA, NGINX) Certification Recertification Exam

## WHAT IS THE F5 CERTIFIED ADMINISTRATOR RENEWAL EXAM BLUEPRINT

This is the blueprint for the exam required to *renew* the F5 Certified Administrator, NGINX (F5-CA) certification.

### ABOUT THIS EXAM:

Successful completion of the F5 NGINX Certified Administrator Recertification exam acknowledges the skills and understanding necessary for the day-to-day management of the NGINX web server platform, and familiarity with Linux commands.

Note: Candidates who have previously achieved the F5-CA, NGINX certification are eligible to take the NGINX Certified Administrator Recertification exam regardless of when the F5-CA certification was achieved. The renewal exam also applies to all candidates with an inactive and/or expired F5-CA, NGINX certification.

### PREREQUISITE:

F5-CA, NGINX Certification

### CREDENTIAL AWARDED:





NGINX Management		
Objectives and examples		CC*
1.1	Given a scenario identify when to use NGINX	U/A
1.2	Explain the NGINX configuration directory structure	U/A
1.3	Demonstrate how to manage user permissions	U/A
1.4	Manage shared memory zones	U/A

NGINX Configuration: Knowledge		
Objectives and examples		CC*
2.1	Configure NGINX as a load balancer	U/A
2.2	Configure NGINX as a content cache server	U/A
2.3	Configure NGINX as a web server	U/A
2.4	Configure NGINX as a reverse proxy	U/A

NGINX Configuration: Demonstrate		
Objectives and Examples		CC*
3.1	Demonstrate how to manage connections and bandwidth	U/A
3.2	Demonstrate how to restrict access	U/A
3.3	Demonstrate how to configure logging	U/A
3.4	Demonstrate how to configure certificates	U/A
3.5	Demonstrate how to enable HTTPS and associated security settings	U/A

NGINX Troubleshooting		
Objectives and Examples		CC*
4.1	Demonstrate how to stop, start, and reload NGINX binary	U/A
4.2	Troubleshoot basic use cases	U/A
4.3	Troubleshoot TLS security settings	U/A

\* Cognitive Complexity Key: **R** = Remember, **A/E** = Analyze/Evaluate, **U/A** = Understand/Apply



## Cognitive Complexity Descriptions

Lower Order Thinking Skills



Higher Order Thinking Skills

<b>Remember</b>	<b>Understand/Apply</b>	<b>Analyze/Evaluate</b>	<b>Create</b>
Information retrieval	Knowledge transfer	Critical thinking and reasoning	Innovation or creative thinking
Rote memorization	Comprehension or ability to apply knowledge to a standard process	Determine how parts relate to whole or knowledge integration and application to new situations	Forming an original work product
Retrieve relevant knowledge from long-term memory	Construct meaning from information	Make judgments based on criteria	Combine or reorganize parts to form a new pattern or structure
E.g., recall, retrieve, recognize	E.g., interpret, classify, compare, explain, implement	E.g., troubleshoot, attribute, diagnose, critique	E.g., generate, plan, produce

Alpine Testing Solutions' suggested cognitive complexity levels and associated verb references consider multiple approaches to defining cognitive processing (e.g., Anderson et al., Webb, Bloom, Frisbie). Above material created with assistance from Alpine and distributed with Alpine's permission as an attachment to certification test



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