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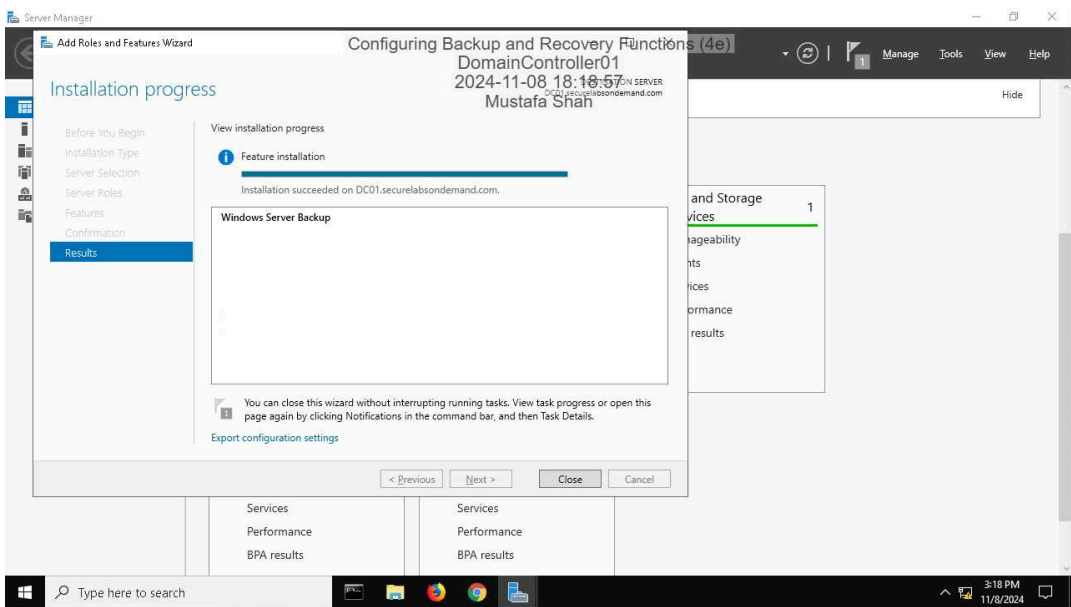
Time on Task:	Progress:
3 hours, 34 minutes	100%

Report Generated: Friday, November 8, 2024 at 9:17 PM

## Section 1: Hands-On Demonstration

### Part 1: Install Windows Server Backup

11. **Make a screen capture** showing the **completed Windows Server Backup** feature installation.

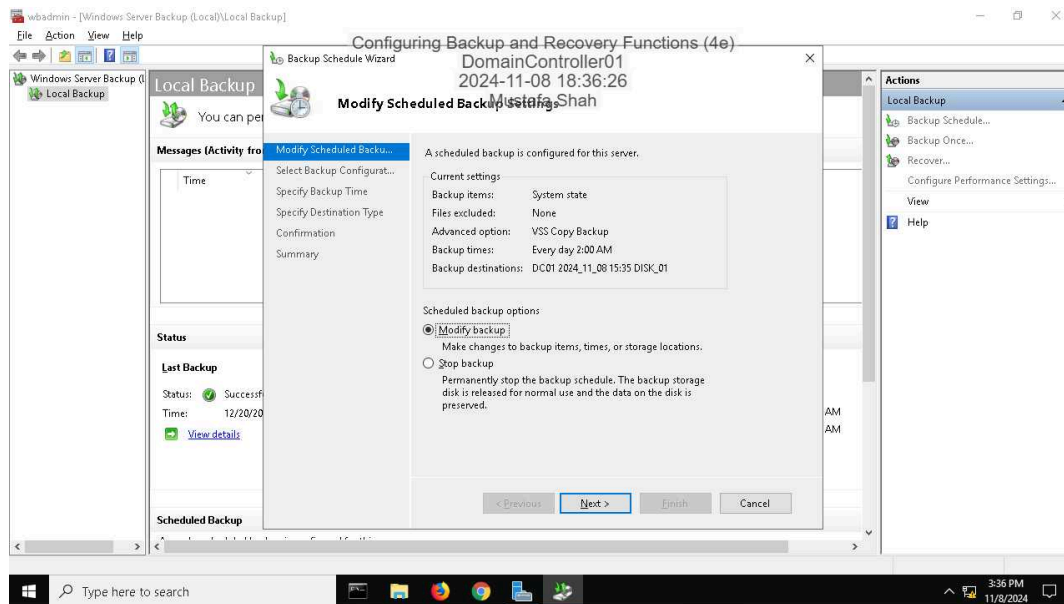


### Part 2: Configure a System State Backup

# Configuring Backup and Recovery Functions (4e)

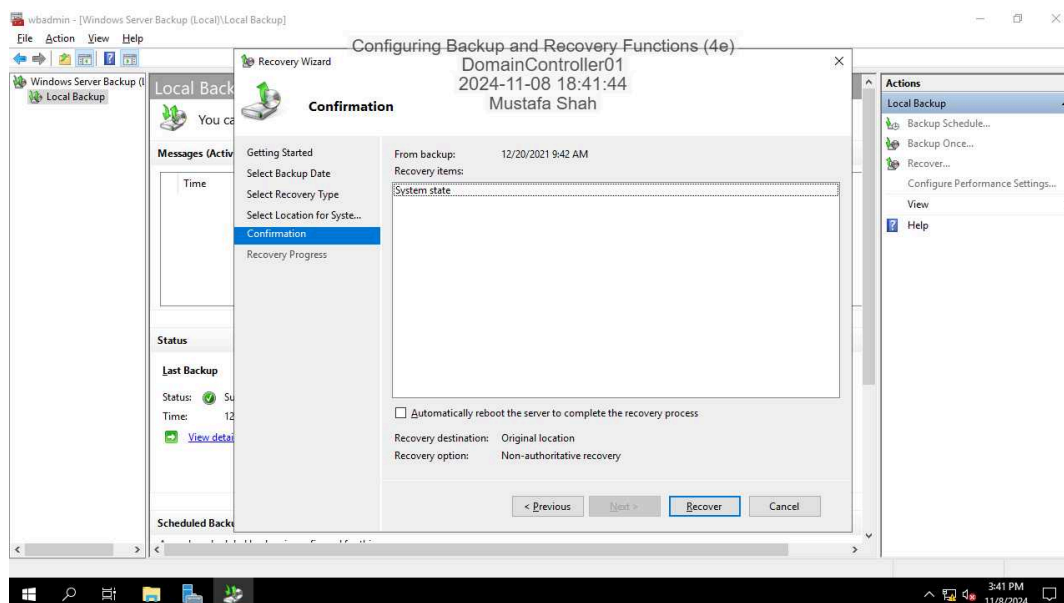
Fundamentals of Information Systems Security, Fourth Edition - Lab 09

15. Make a screen capture showing the **Scheduled Backup** settings, including the destination and backup time.



## Part 3: Restore from a System State Backup

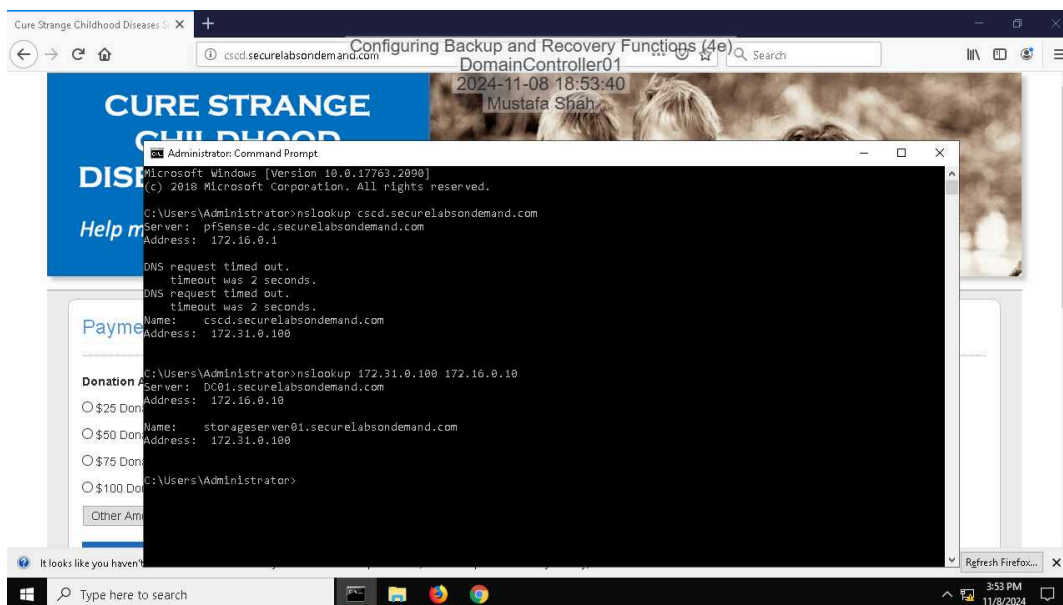
15. Make a screen capture showing the **Recovery Wizard Confirmation** page.



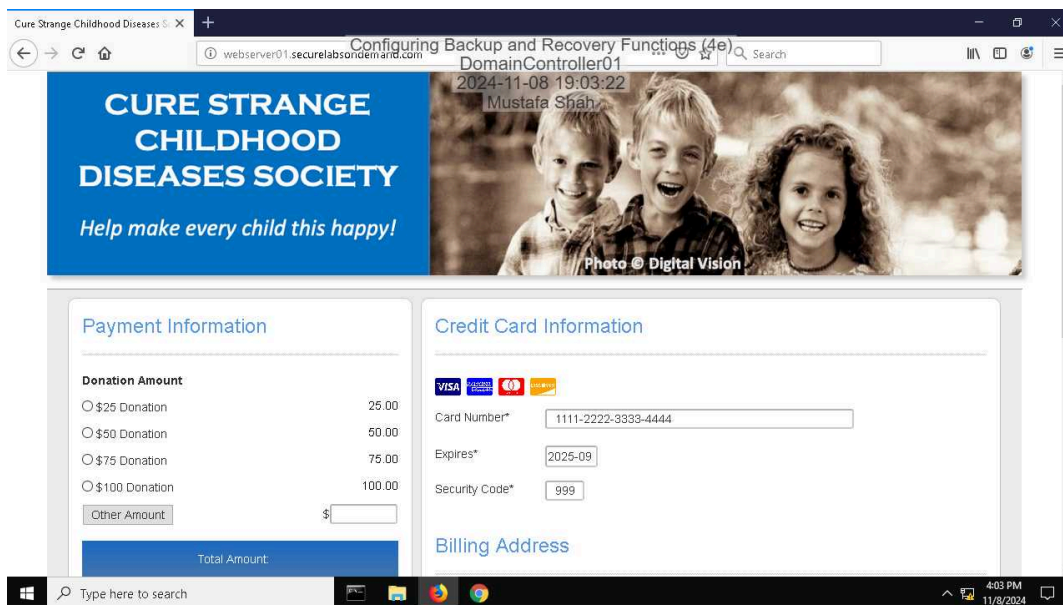
## Section 2: Applied Learning

### Part 1: Configure an NFS Share

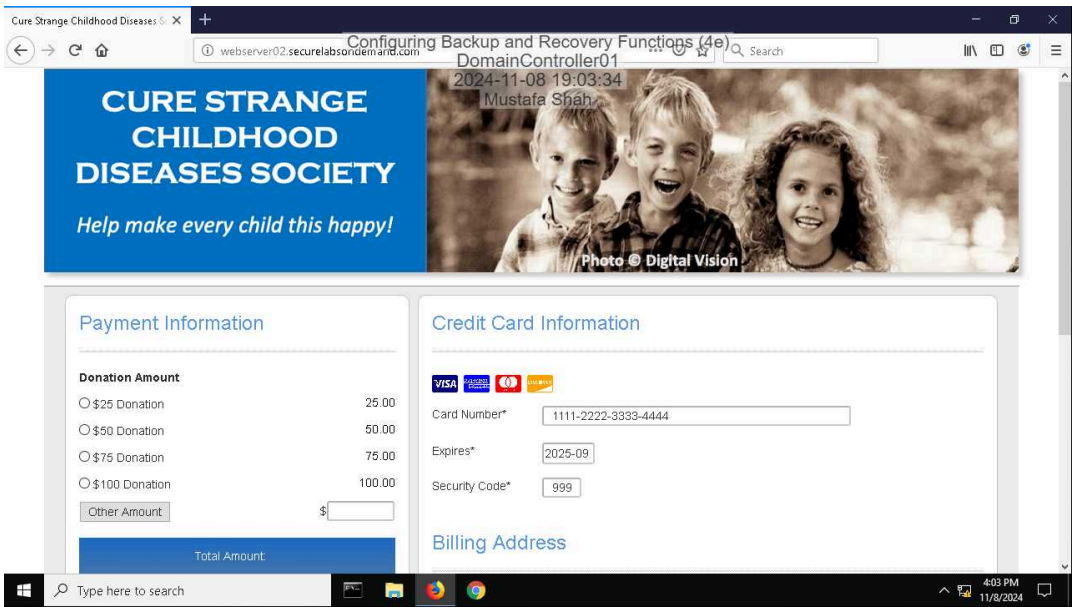
8. Make a screen capture showing the results of the reverse DNS query.



34. Make a screen capture showing the updated webserver01 home page.

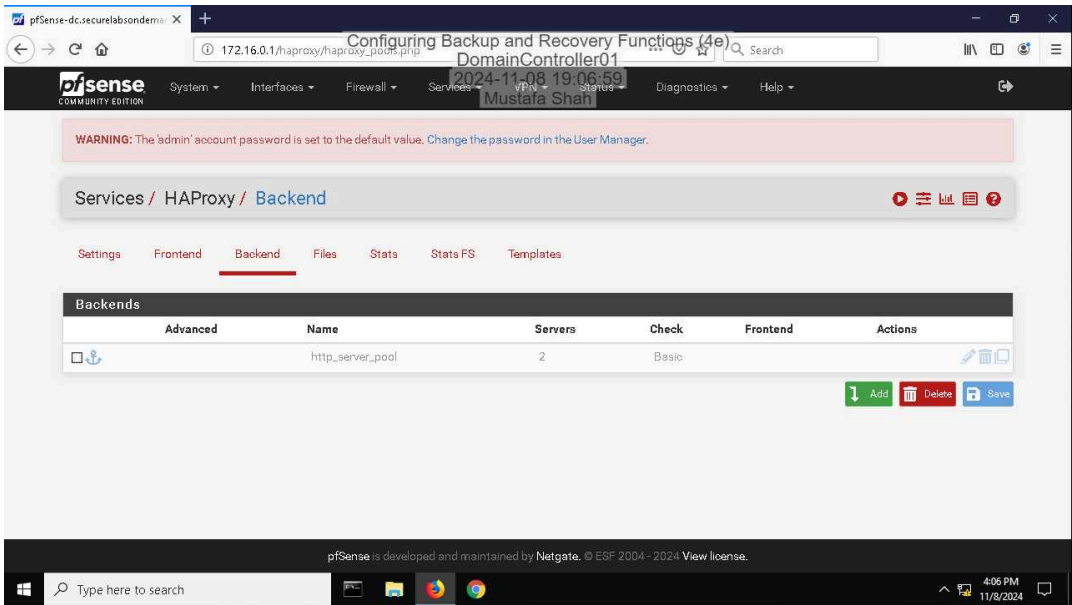


36. Make a screen capture showing the updated webserver02 home page.

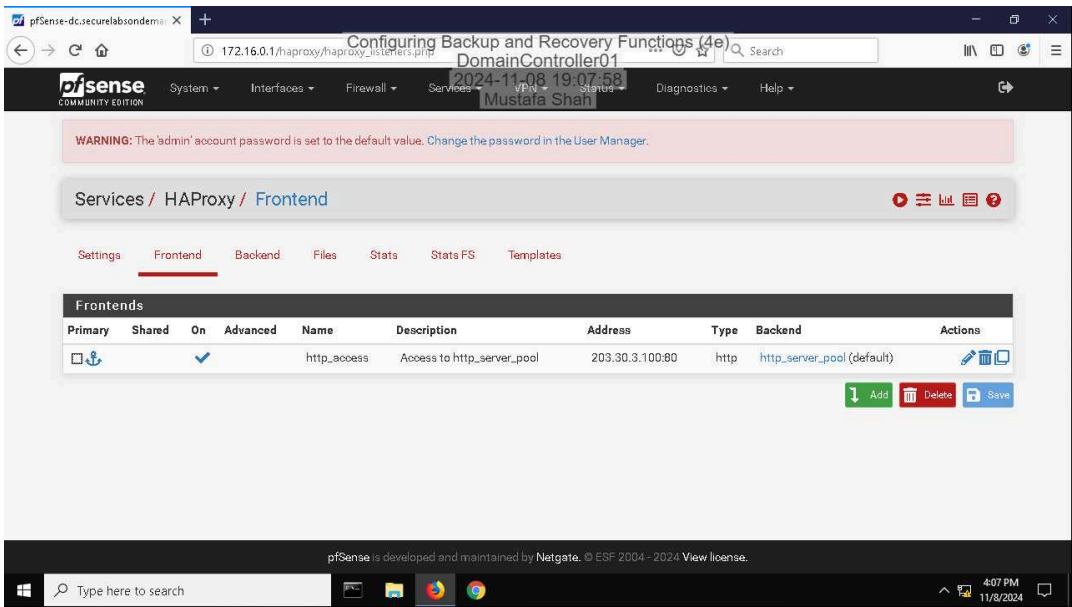


Part 2: Configure Load Balancing

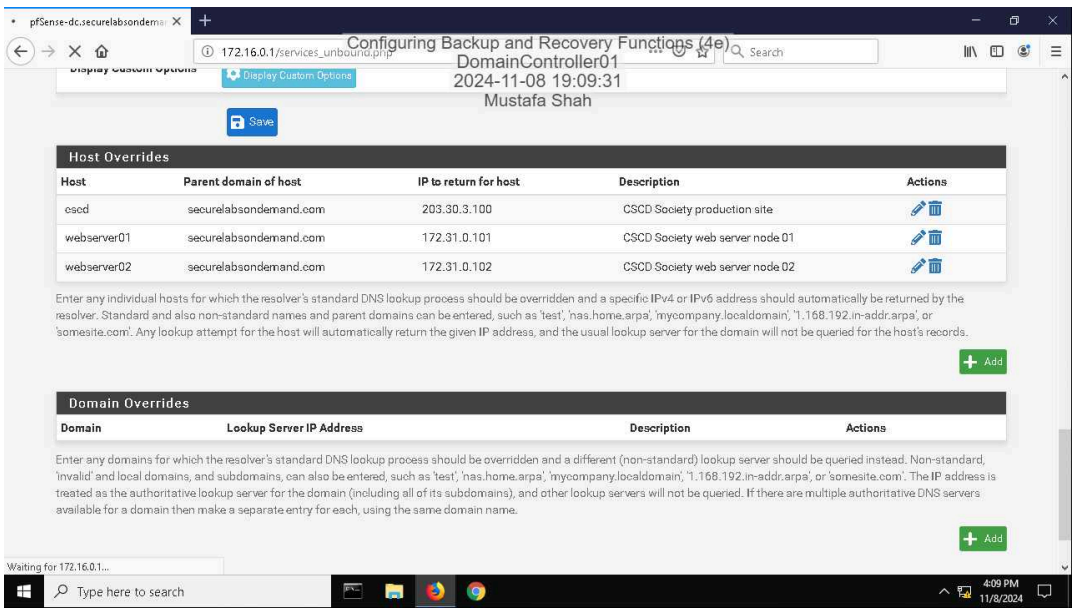
15. Make a screen capture showing the http\_server\_pool backend.



22. Make a screen capture showing the `http_access` frontend.



35. Make a screen capture showing the new Host Overrides entry for `cscd.securelabsondemand.com`.

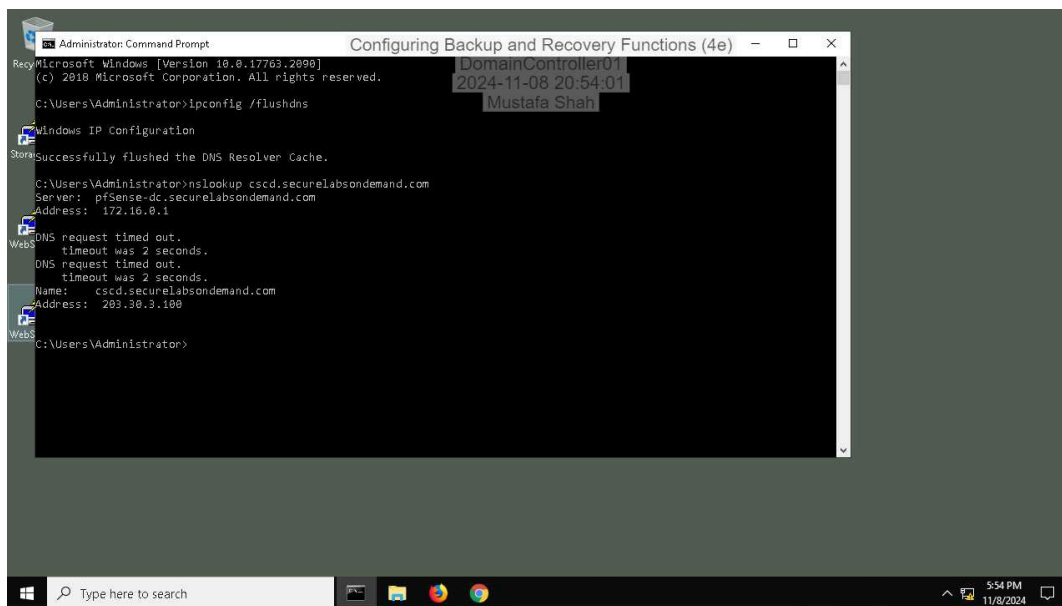


Part 3: Verify Load Balancing

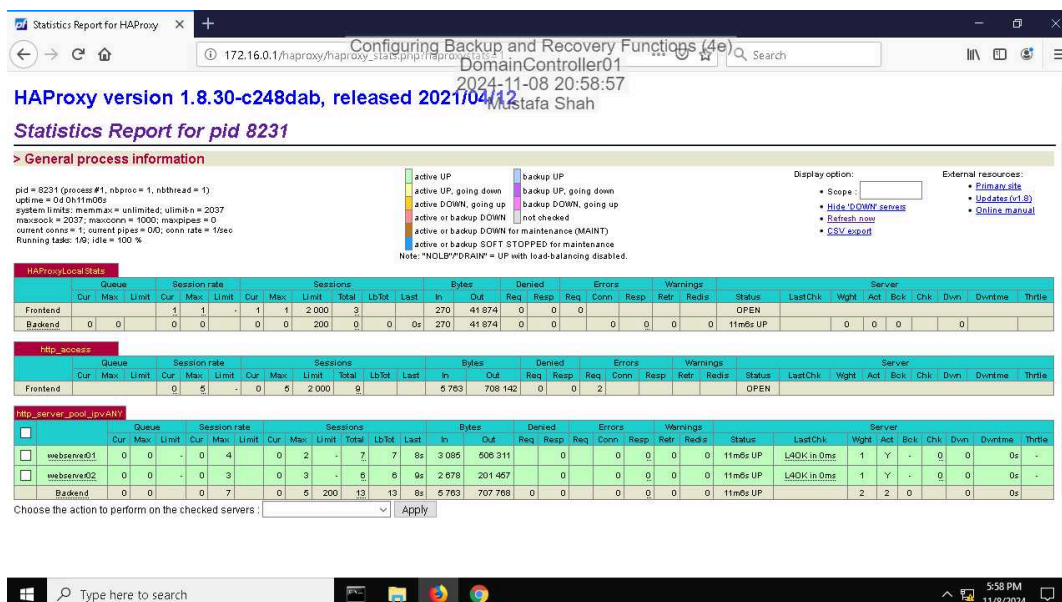
# Configuring Backup and Recovery Functions (4e)

## Fundamentals of Information Systems Security, Fourth Edition - Lab 09

4. Make a screen capture showing the result of your DNS query for **cscd.securelabsondemand.com**.



11. Make a screen capture showing the **Statistics Report** with a value of at least 1 in the **Sessions > Total** column of the **http\_server\_pool\_ipvANY** box, for both **webserver01** and **webserver02**.

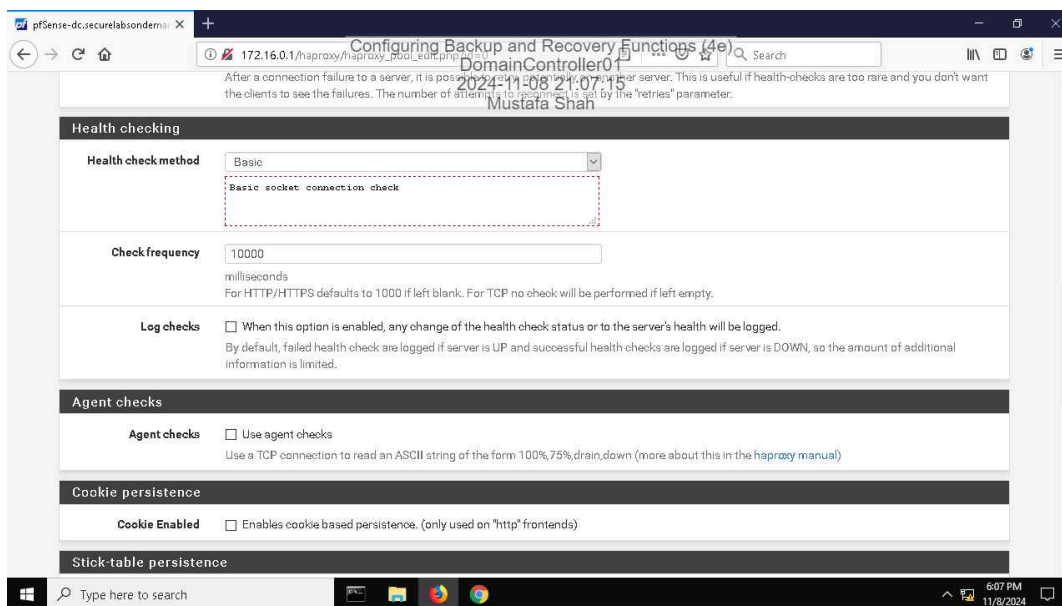




## Section 3: Challenge and Analysis

### Part 1: Add Failover Functionality

Make a screen capture showing the updated Check Frequency value in the Health checking module.



### Part 2: Validate Failover Functionality

# Configuring Backup and Recovery Functions (4e)

## Fundamentals of Information Systems Security, Fourth Edition - Lab 09

Make a screen capture showing the **HAProxy Statistics Report** with a host in a **DOWN** state, as well as the **UP** host having more total sessions (**http\_server\_pool\_ipvANY**, Sessions > Total) than the **DOWN** host.

Statistics Report for HAProxy

172.16.0.1/haproxy/haproxy\_stats.php?pid=23612

DomainController01

2024-11-08 21:16:59

Mustafa Shah

### HAProxy version 1.8.30-c248dab, released 2021/04/12

#### Statistics Report for pid 23612

> General process information

pid = 23612 (process #1, nbproc = 1, nbthread = 1)  
uptime = 0d 0h0m24s  
system limits: memmax = unlimited, ulimit-s = 2037  
maxsock = 2037, maxconn = 1000, maxpipes = 0  
current conn = 1, current pipes = 0/0, conn rate = 1/sec  
Running tasks: 1/0, idle = 100 %

active UP, backup UP, active UP, going down, active DOWN, going up, active or backup DOWN, active or backup SOFT STOPPED for maintenance

Display option:  
• Scope:   
• Hide DOWN servers  
• Refresh now  
• CSV export

External resources:  
• Primary site  
• Updates (v1.8)  
• Online manual

#### HAProxy Local Stats

	Queue			Session rate			Sessions				Bytes			Denied		Errors		Warnings		Status	Server									
	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Total	Lb/Total	Last	In	Out	Req	Resp	Req	Conn	Resp		Retr	Redis	LastChk	Wght	Act	Bck	Chk	Dvsn	Dvntime	Thrtle
Frontend	0	0	0	1	1	-	1	1	2 000	2	0	0s	135	20 913	0	0	0	0	0	0	0	0	6m24s	UP	0	0	0	0	0	-
Backend	0	0	0	0	0	0	0	0	200	0	0	0s	135	20 913	0	0	0	0	0	0	0	0	6m24s	UP	0	0	0	0	0	-

#### http\_access

	Queue			Session rate			Sessions				Bytes			Denied		Errors		Warnings		Status	Server								
	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Total	Lb/Total	Last	In	Out	Req	Resp	Req	Conn	Resp		Retr	Redis	LastChk	Wght	Act	Bck	Chk	Dvsn	Dvntime
Frontend	0	2	-	0	2	2 000	4	0	0	0	0	0s	2 626	1 526	0	0	2	0	0	0	0	0	OPEN	1	1	0	0	0	-

#### http\_server\_pool\_ipvANY

	Queue			Session rate			Sessions				Bytes			Denied		Errors		Warnings		Status	Server										
	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Total	Lb/Total	Last	In	Out	Req	Resp	Req	Conn	Resp		Retr	Redis	LastChk	Wght	Act	Bck	Chk	Dvsn	Dvntime	Thrtle	
<input type="checkbox"/> webserver01	0	0	-	0	0	0	0	0	-	0	0	0s	0	0	0	0	0	0	0	0	0	0	1m33s	DOWN	1	Y	-	3	1	1m33s	-
<input type="checkbox"/> webserver02	0	0	-	0	3	0	1	-	5	5	8s	2 626	1 152	0	0	0	0	0	0	0	0	0	6m24s	UP	1	Y	-	0	0	0s	-
Backend	0	0	0	0	3	0	1	200	5	5	8s	2 626	1 152	0	0	0	0	0	0	0	0	0	6m24s	UP	1	1	0	0	0	0s	-

Choose the action to perform on the checked servers:  Apply