Track training assignments

glue_privesc Interim Report



CLASS	Cloud DFIR class I
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1. Setting Up Analysis Environment

First, I install every tools about this class.

```
sudo snap install curl
curl "https://awscli.amazonaws.com/awscli-exe-linux-x86 64.zip" -o
"awscliv2.zip"
unzip awscliv2.zip
sudo ./aws/install
Download CloudGoat
sudo apt install git
git clone https://github.com/RhinoSecurityLabs/cloudgoat.git
Install terraform
sudo apt-get update && sudo apt-get install -y gnupg
software-properties-common
wget -O- https://apt.releases.hashicorp.com/gpg | \
qpq --dearmor | \
sudo tee /usr/share/keyrings/hashicorp-archive-keyring.gpg > /dev/null
gpg --no-default-keyring \
--keyring /usr/share/keyrings/hashicorp-archive-keyring.gpg \
--fingerprint
echo "deb [signed-by=/usr/share/keyrings/hashicorp-archive-keyring.gpg] \
https://apt.releases.hashicorp.com $(lsb release -cs) main" | \
sudo tee /etc/apt/sources.list.d/hashicorp.list
sudo apt update
sudo apt-get install terraform
Check on progress <a href="https://forms.gle/vTdwgNNU36KawECG6">https://forms.gle/vTdwgNNU36KawECG6</a>
Break until 4.30pm KST
Fill the form and finish the above setup.
Prepare python environment
sudo apt install python3.12-venv
```

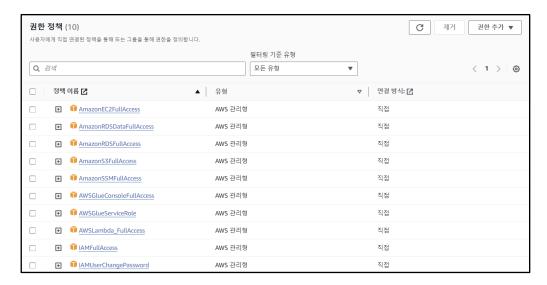
I installed the tools by referring to this photo.

So. I create aws instance about glue_privesc

Many errors occurred, including permission errors, database connection errors, configuration errors, and database version errors, among others.



First, permission error, there were many errors related to the AWS user, so I added the following permission



Second, DB version error, Additionally, the default database version was Postgres 13, but since it was not supported, I changed it to Postgres 16.

Config file's path is 'cloudgoat/scenarios/glue_privesc/terraform/rds.tf'

```
n0rel1fe@B00K-09A7V0M8LQ:/mnt/c/Users
resource "aws_db_instance" "cg-rds" {
                                             norel/OneDrive/cloudgoat$ cat scenarios/glue_privesc/terraform/rds.tf/
 allocated_storage
                          = 20
                           = "gp2"
 storage_type
                           = "postgres"
 engine
 engine_version
                           = "16.3"
                           = "db.t3.micro"
 instance_class
 db_subnet_group_name = aws_db_subnet_group.cg-rds-subnet-group.id
 db_name
                           = var.rds-database-name
 username = var.rds_username
password = var.rds_password
parameter_group_name = "default.postgres16"
 publicly_accessible = false
 skip_final_snapshot = true
 port = "5432"
```

So. I get ip and port

```
Apply complete! Resources: 59 added, 0 changed, 0 destroyed.

Outputs:

cg_web_site_ip = "5000".158"

cg_web_site_port = 5000

[cloudgoat] terraform apply completed with no error code.

[cloudgoat] terraform output completed with no error code.

cg_web_site_ip = 190...158

cg_web_site_port = 5000

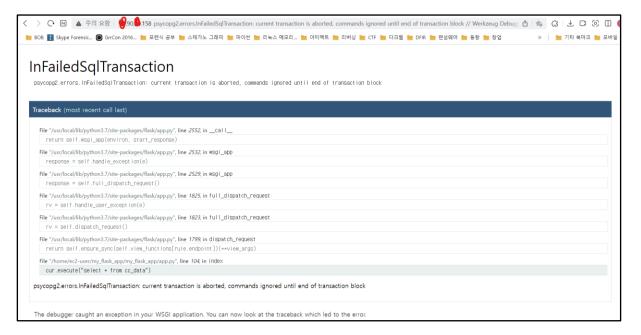
[cloudgoat] Output file written to:

/mnt/c/Users/n0rel/OneDrive/cloudgoat/glue_privesc_cgid3tw70p71kr/start.txt
```

The server address is different from the one I asked you about earlier, and I did not create a new database either.



But..... The same error occurred again...



2. Future Action Items

After resolving the error, I plan to proceed with solving the problem according to the provided scenario.