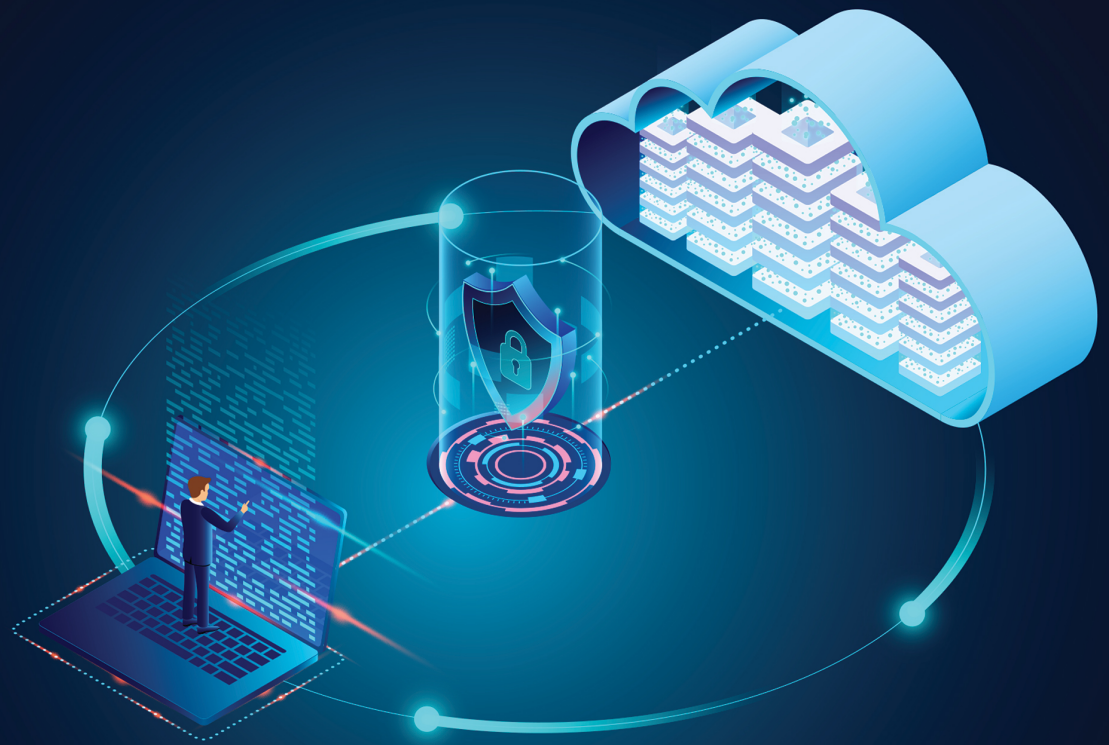
Hands-On Challenge: Building a VPC



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Hands-On Challenge: Building a VPC

- Build a VPC with a Name tag of **vpc_sol_arch**
- Build a public subnet with the address scheme of **10.1.1.0/24** from the CIDR range of **10.1.0.0/16**; use a Name tag of **sub_sol_arch_1**
- Create an Internet Gateway and attach it to your VPC; use the Name tag of **igw_sol_arch**
- Create a route table for the VPC with the Name tag of **route_sol_arch**; associate this route table with your subnet; create a default route table entry (**0.0.0.0/0**) directing this traffic to your Internet Gateway
- Name tag the default security group for your VPC with **sg_sol_arch**; ensure the only inbound security group rules permit **SSH** and **HTTPS** from anywhere
- Create an **Amazon Linux 2** instance in your public subnet with the Name tag of **ec2_test**; ensure this image contains the **AWS command line tools**; use the **t2.micro** instance
- Ensure you can SSH to the console of your test instance; use a new Key Pair of **kp_sol_arch**
- Delete all resources created in this Hands-On Challenge

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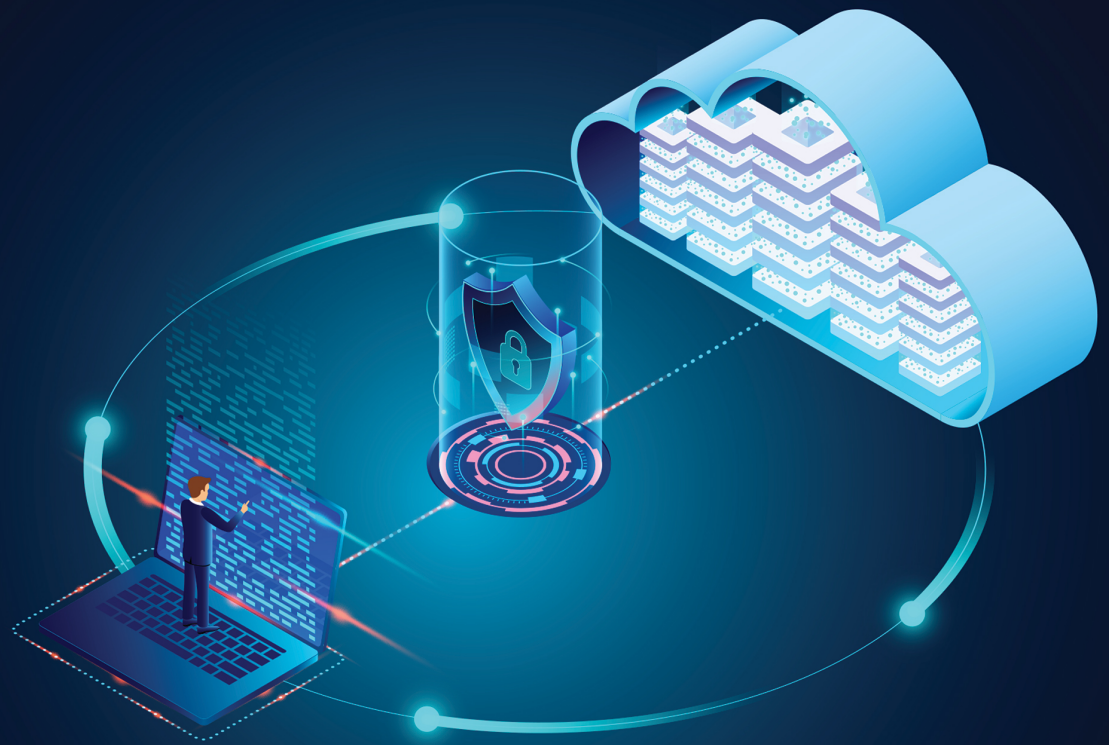

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