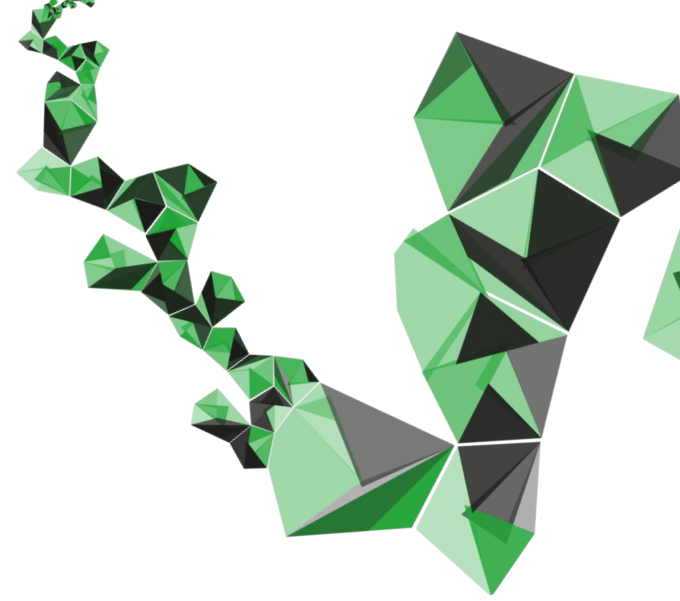


UNIVERSITY
OF TWENTE.



Top Threats in Cloud Security

Matteo Grella
m.grella@utwente.nl

Who am I?

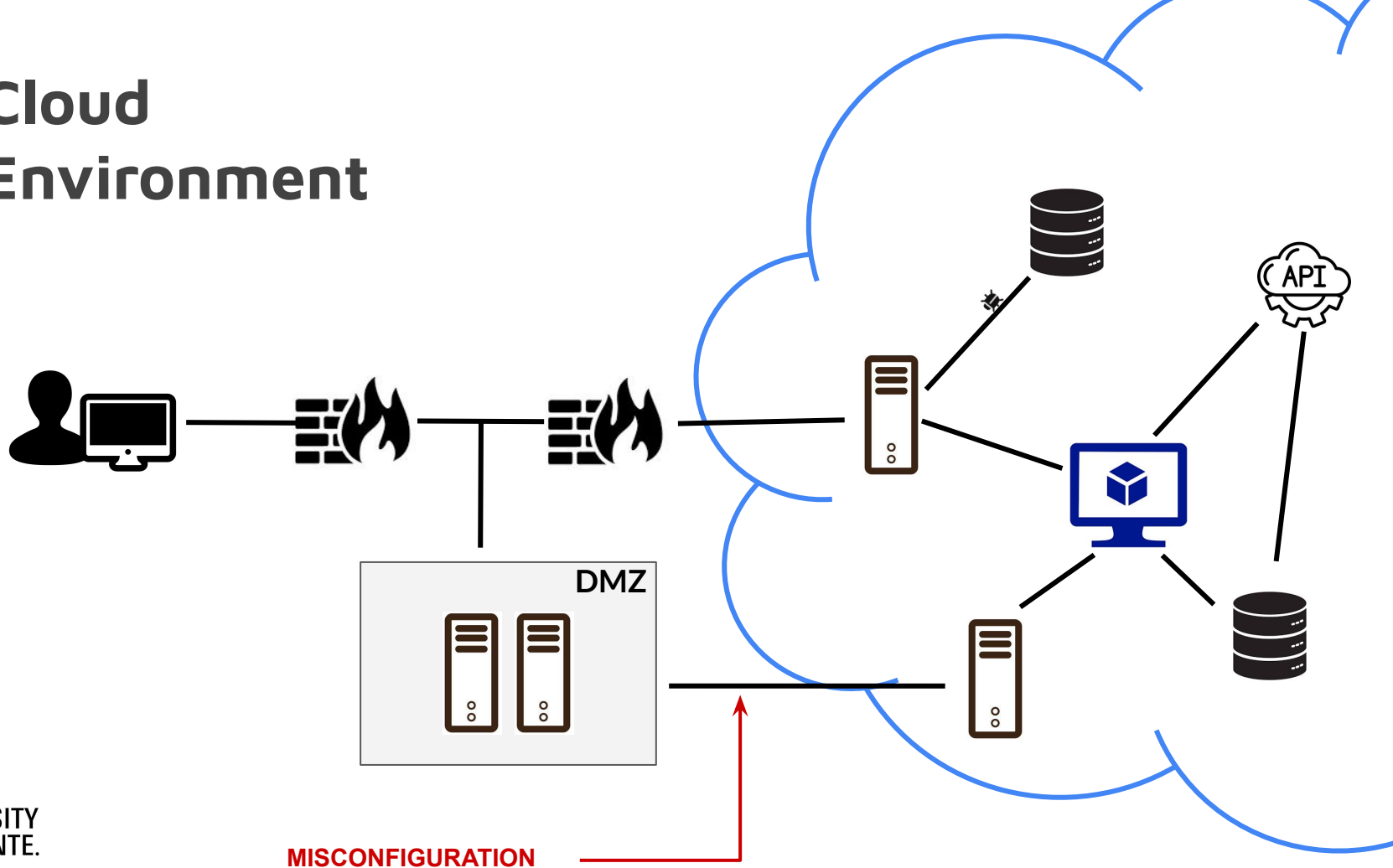


- PhD Candidate at the University of Twente
- TUCCR - Federated Monitoring and Automated Response.
- Member of THS - Twente Hacking Squad



**Which are the top
threats in the cloud?**

Cloud Environment



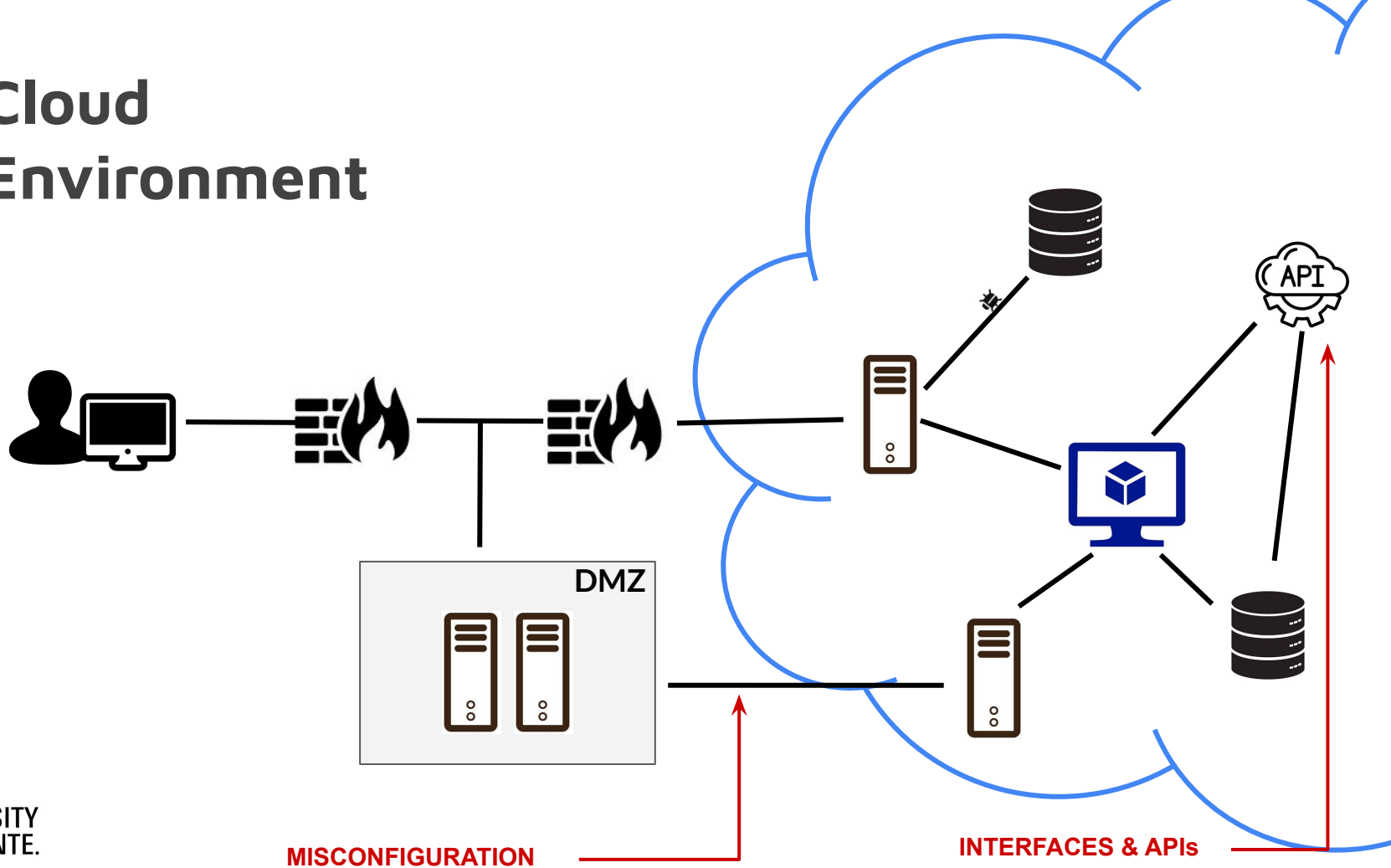
Misconfigurations



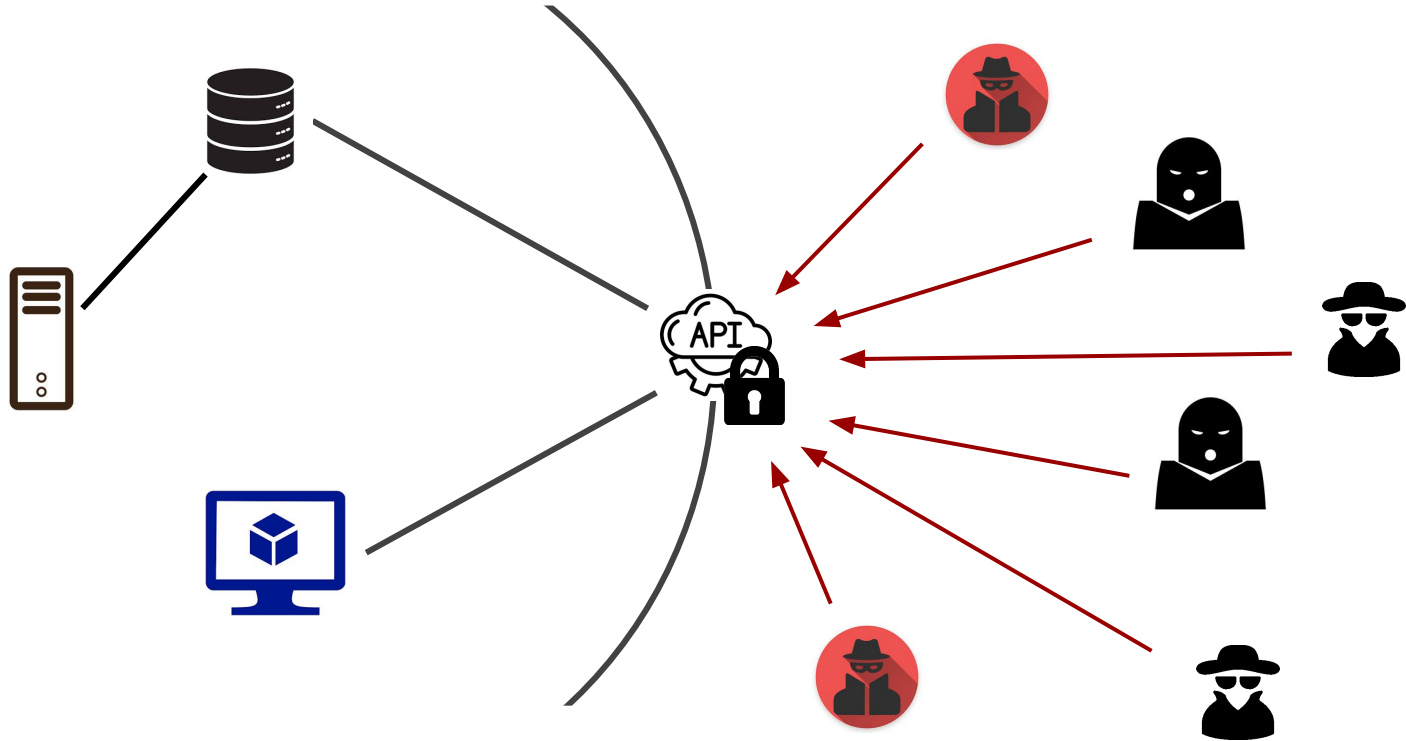
```
resource "google_compute_instance" "vm_instance" {  
  name = "terraform-instance"  
  machine_type = "f1-micro"  
  initial_node_count = "3"  
  network_interface {  
    network = google_compute_network.vpc_network.name  
    access_config {  
    }  
  }  
}
```



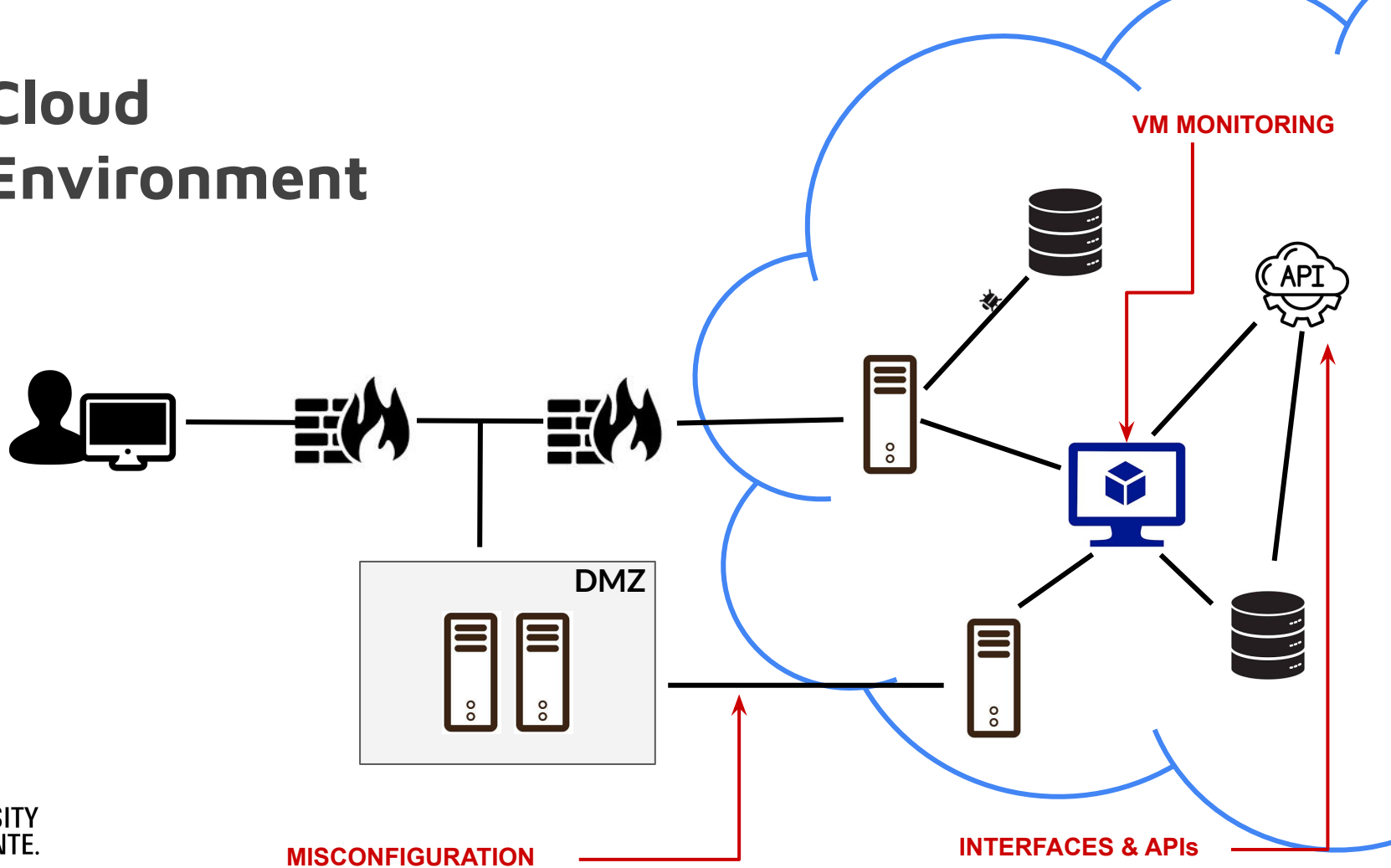
Cloud Environment



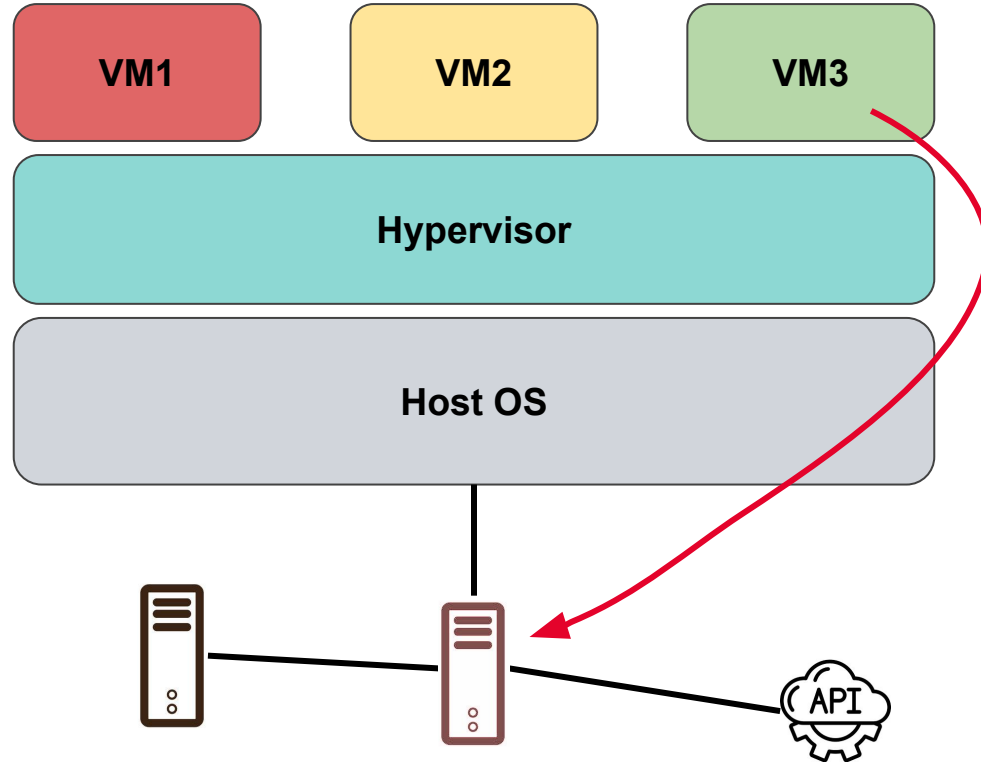
Interfaces & APIs



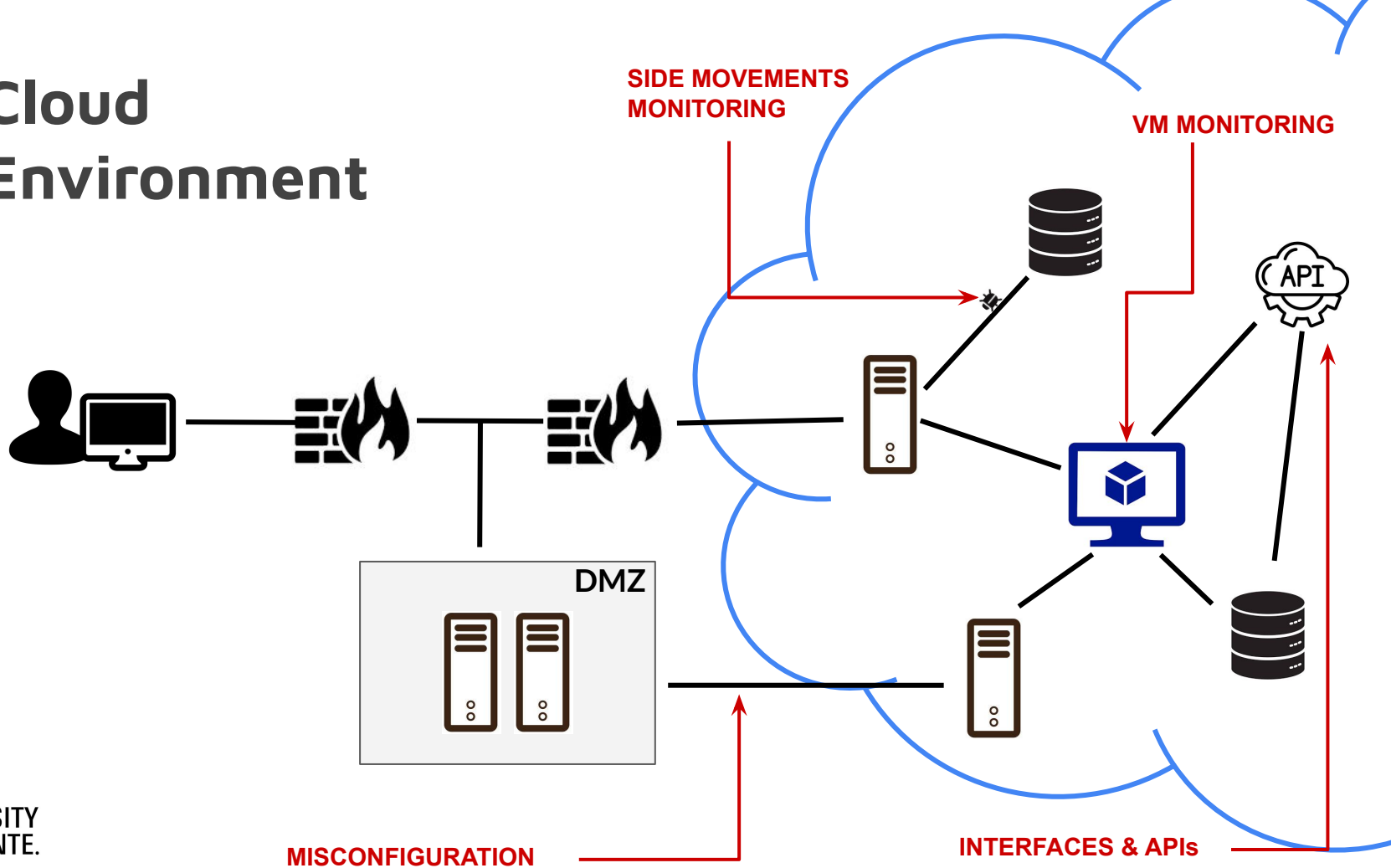
Cloud Environment



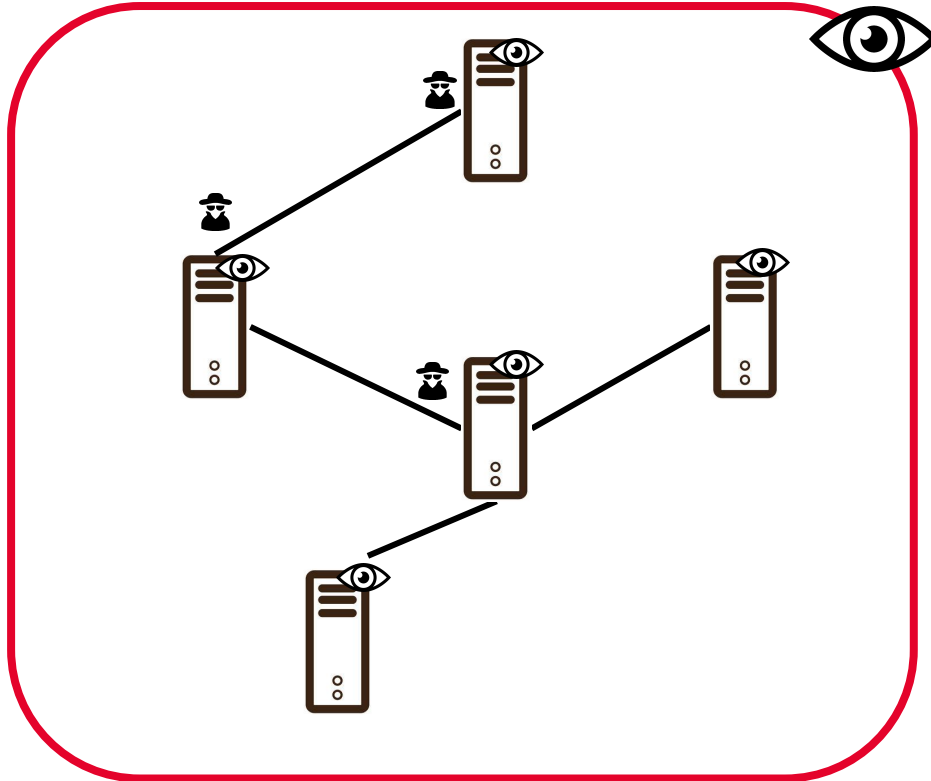
Virtual Machine Monitoring



Cloud Environment



Side Movement Monitoring



Thank you

