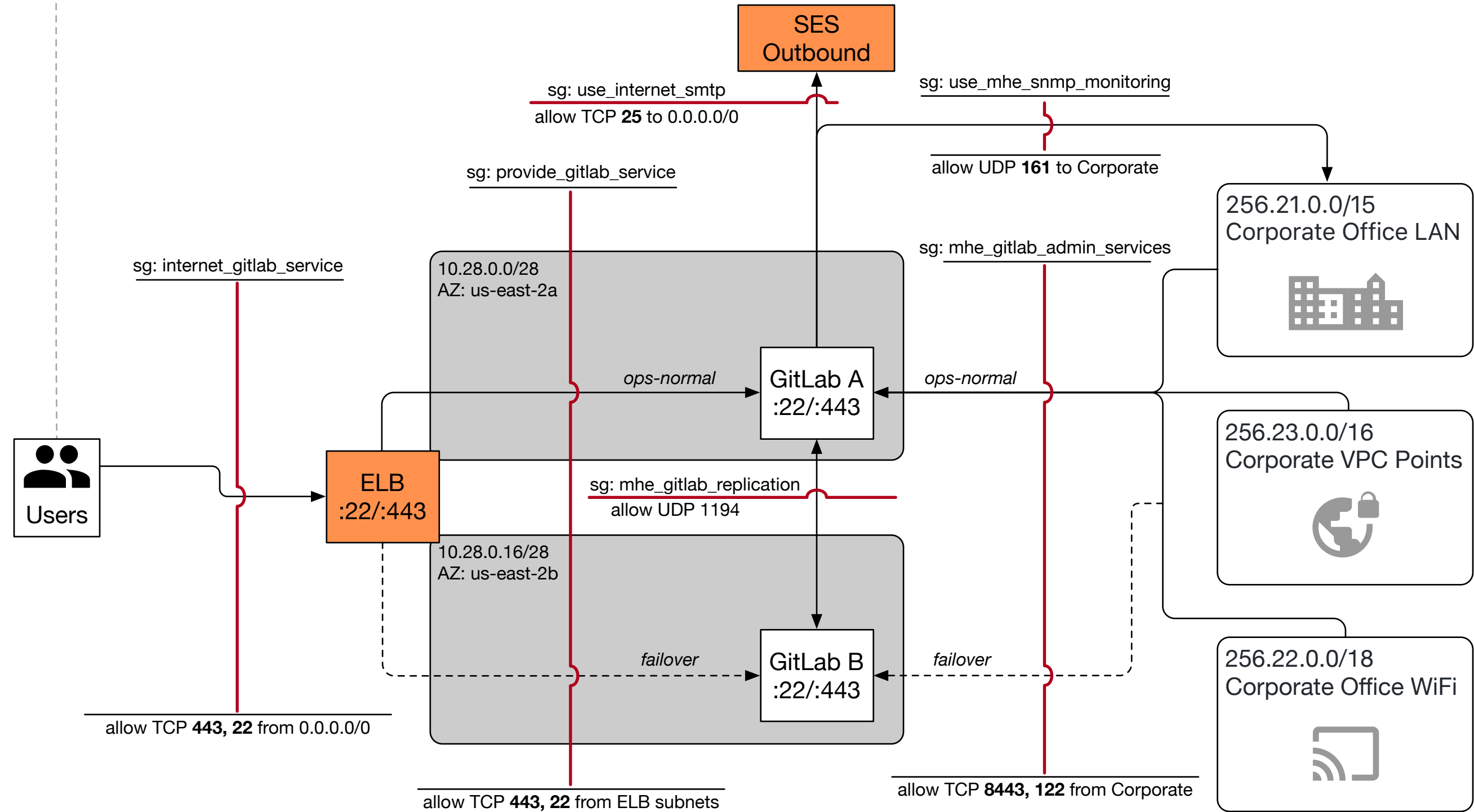


DNS		
A/AAAA	farcical.mheducation.com	ELB
MX	10 mail.farcical.mheducation.com	inbound-smtp.* (SES)

*Failover Configuration Notes:*  
Route53 was not specified, so this assumes a generic DNS provider. If you are able to use Route53, consider Failover and Failover Alias custom records.



### GitLab Instance Notes:

Need 2+ vCPUs, 24GB, High IOPS (not high throughput)

Best candidate instance type is **m4.2xlarge**: 8 vCPU // 32GB // \$0.39 per hour

Recommend use of EBS for persistent storage. Run EBS Optimized instance to ensure network and disk I/O are not in contention (free for this instance type). Keep an eye on system latency, and if there is an I/O bottleneck, consider provisioned IOPS.

Reduce cost with Reserved Instances!

Key Cost Considerations	
EC2 Instances, \$285/mo x 2	\$570 / month
Outbound Data Transfer, \$0.09/GB after 1TB	\$0 to \$\$ / month
ELB, \$18.50/mo + \$0.008/GB processed	\$18.50+ / month