# Collegiate Cyber Defense Competitions

| Inject Name | Firewall Setup & Configuration |
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| **Inject ID** | TOOL23T |

| **Description** | Review and modified the security policies of the perimeter firewall in accordance with the analysis of currently exposed services and required services (ingress & egress) for the services and other devices on the internal network. |
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| | Configure the security policies so that only expected outbound and inbound packets are allowed. |
| | Write the polices at the application-layer as much as possible rather than layer-3 protocol and ports. |
| | Enable packet inspection as available in the specific firewall's IPS and scanning features. |
| | All denied packets should be logged. |
| **Deliverables** | Respond with a business memo that describes the security polices as initial configured (as you found them) and what changes are made to bring them in alignment with the goal of only allowing needed and expected packet flows. |
| | Use screen shots to document the configuration changes and enabling of packet inspection. |