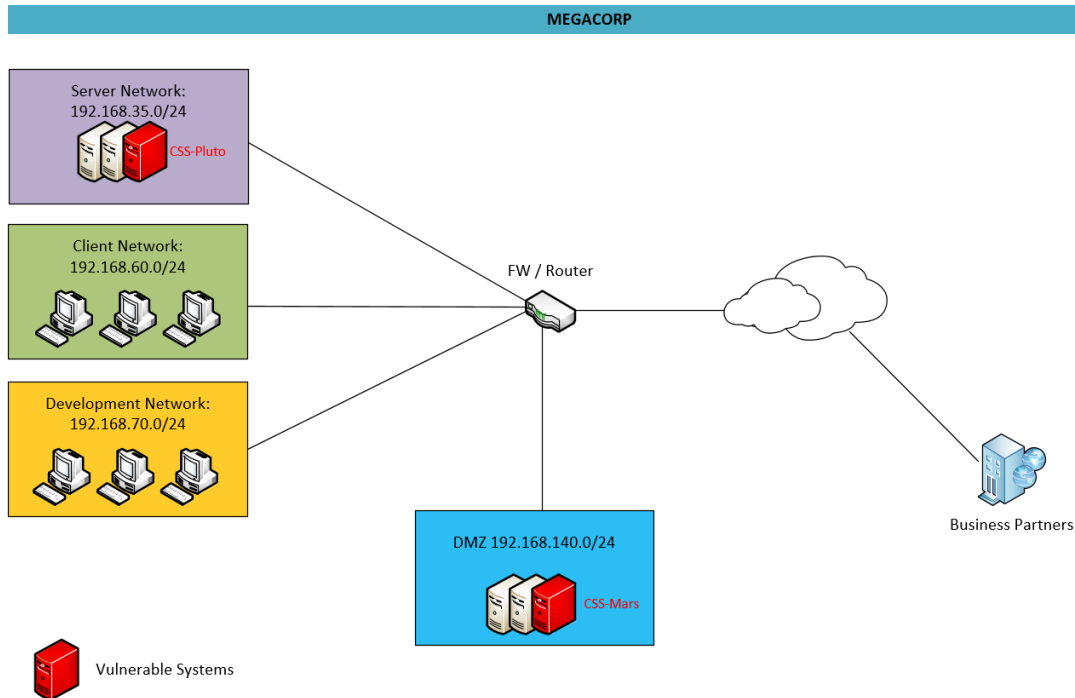## Introduction

A security analyst has performed a Nessus Vulnerability Scan of a network and sent an urgent report to you. He has found two systems that have various vulnerabilities.

Goals and Tasks

Perform the following tasks by analyzing the given Nessus reports and network architecture. Answer to all questions in a written report.

- Describe a maximum of 3 different actions (which are unintended by MEGACORP) an attacker could perform by exploiting the critical vulnerability on the Exchange Server (Mars)?
- Describe a maximum of 3 different actions (which are unintended by MEGACORP) an attacker could perform by exploiting the critical vulnerability on the Domain Controller (Pluto)?
- Under what technical circumstances is the critical vulnerability on the Domain Controller (Pluto) most problematic?
- List a maximum of 2 different immediate actions be taken in the given scenario.
- List a maximum of 3 different mid- or long-term actions be taken in the given scenario. Select an existing vulnerability of the "High" or "Medium" category on Mars and briefly describe how the chosen vulnerability can be closed.

Submission

Submit a written report as PDF document with your answers. Make sure that your answers can be clearly assigned to the question numbers in the goal and task section.