

## **Abstract**

Virus Scanning is very depend on virus definition that have recognized by local antivirus on the operation system. Actually, each antivirus software company will try to renew its virus definitions without help of information system people or programmers. This condition need to be changed by new approach to accommodate the information system peoples and programmer to amount very large for helping to make virus definitions with standard form and its result can be used by existing antivirus software.

Universal Packet Update is a method to update virus definition by producing virus definitions in universal form that can be used by the antivirus software by the help of additional modul named with addons. The antivirus software with addons will perform two update process such as download process and convert process. Both are performed to get the update packet from Universal Packet Update Server.

The analysis of the result of Universal Packet Update research pointed that each antivirus software that is tested can renew its virus definition by updating to UPU Server with addons help. And addons will only get the virus definition that can be accepted by each antivirus software and will reject the false virus definition.

**Keywords:** universal packet update, addons, virus definition, virus signature.