

Point and Award Rules of NEST

NEST is open to global security practitioners with black-box testing. Authorized users can get corresponding points or bonuses for certain testing results.

1) Vulnerability mining and exploitation in a single public test device: Under the rule that authorized users mine and exploit the vulnerabilities of the executors to trigger arbitrator abnormality alarm of the executor output trigger verdict, each executor of each public test device is set with 1000 points as the test target. Repeated arbitrator abnormality alarm on the same executor will not score again.

2) Complete device escape of a single public test device: If the authorized users break through the verdict mechanism completely and control the public test device to modify its designated target data, they should submit their solution report of the public test device escape in time, so that the judgment group decides whether or not it complies with the rules. A monthly reward of 10,000 RMB or the equivalent of US dollars is paid for the complete escape of each public test device. If no contestant gets a reward for a public test device in that month, the reward of 10,000 RMB or the equivalent of US dollars for the device accumulates to the next month and resets after 12 months.

3) Complete escape of the systematic application scenarios of public test: If the authorized users directly break through the network application scenarios constructed by multiple public test devices and modify the designated target data, they must submit the solution report in time, so that the judgment group decides whether or not it complies with the rules. The reward for a complete escape breakthrough in network application scenarios is 1,000,000 RMB or the equivalent of US dollars.

4) All public test rewards are paid monthly.

Specific criteria for trigger award anomaly score and breakthrough of public test equipment are determined as follows:

DNS Server MD-1709A-100: Successfully modify the mapping relationship between the designated domain name and IP address of one of the executors, triggering an abnormal alarm of the adjudicator can score. Breaking through the criterion of device escape is to modify the mapping relationship between the designated domain name and

IP address in all executors at the same time, so that the mapping relationship lasts (for 3 minutes) and passes the verdict.

Router CL-DM-RT1810E: Successfully modify the routing table entries specified by one of the executors, trigger the abnormal alarm of the adjudicator to score. Breakthrough of device escape criteria is to modify the specified routing in all executors at the same time, so that the routing lasts (3 minutes in a row) to pass the verdict.

Web server AMWS-H/T-4: Successfully modify the specified page information of one of the executors, and trigger the abnormal alarm of the adjudicator to score. Breakthrough of device escape criteria is to modify the specified page in all executors at the same time, so that the modified page lasts (for 3 minutes) to pass the verdict.

File storage system HD-MDS1800H: Successfully modify the specified metadata directory of one of the executors, trigger the arbitrator exception alarm to score. Breakthrough of device escape criteria is to modify the specified metadata directory in all executing bodies at the same time, so that the modified metadata information can pass the verdict continuously (for 3 minutes).