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VII

→ Message Sending

C) \mathcal{A}_m calculate uncertainty score u_{tar}^m of x_{tar}^m D) \mathcal{A}_m evaluate attack value of x_{tar}^m

E) \mathcal{A}_m send high attack value uncertainty score u_{tar}^m

F) \mathcal{A}_m randomly selects a large random number x

G) \mathcal{A}_m calculates $E(K_{\text{pub}}^m, x)$ - u_{tar}^m send to \mathcal{A}_{m+1}

H) \mathcal{A}_{m+1} Select N numbers and randomly select a large prime number P

 $y_u = D(E(x) - i + u), u = 1, 2, \dots, N$ $z_{u} = y_{u} \mod p, u = 1, 2, \dots N$

I) \mathcal{A}_{m+1} Verify if $0 \le a \ne b \le N-1$ Satisfy $||z_a - z_b|| \ge 2$

 $I) \mathcal{A}_{m+1} \text{ send } p z_u, u = 1, \dots N \text{ to } \mathcal{A}_m$

K) \mathcal{A}_m verify if $z_i \equiv mod p$

then $u_{tar}^m \le u_{tar}^{m+1}$ else $u_{tar}^m \ge u_{tar}^{m+1}$

Local Computation

B) \mathcal{A}_{m+1} Collect all vote $\mathcal{V}_{m \in G}$ determine attack mode m_t

A) \mathcal{A}_m Send attack mode vote \mathcal{V}_m to \mathcal{A}_{m+1}

 $\mathcal{A}_{m+1}(K_{mih}^{m+1},K_{nri}^{m+1})$