





51% ATTACK robustness comparison

NYZO is built to be 51% attack resistant. For demonstration we compare the new consensus mechanism "Proof-of-Diversity" with traditional PoW coins. The used numbers representing the optimum case for an attacker. In reality it is even harder to take control over the cycle of NYZO.

COIN	BITCOIN	ETHEREUM	LITECOIN	NYZO
Symbol				
Consensus Mechanism	PoW	PoW	PoW	PoD
Time needed for succesful attack	Immediately	Immediately	Immediately	~7269 days (with 66%* join rate)
Costs	~\$716K per 1h	~\$418K per 1h	~\$29K per 1h	~\$17M
Price per coin (Feb 9th, 2021)	\$46,840.94	\$1,771.68	\$173.51	\$0.2884
Marketcap	\$872,999,977,181	\$204,302,331,437	\$11,577,425,010	\$3,432,826

*To maintain a 66% join rate at the current cycle length and amount of waiting verifiers, you'll need ~24,000 VPS with an estimated price of \$3/month per unit.

Source: www.crypto51.app