The Hyper⁶⁴ Specification

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Increasing bit number —————

Type encoding

```
00_{Binary} = 0_{Hex} = 0_{Dec} | Immediate value 01_{Binary} = 1_{Hex} = 1_{Dec} | Indirection bit 10_{Binary} = 2_{Hex} = 2_{Dec} | Reserved 11_{Binary} = 3_{Hex} = 3_{Dec} | Reserved
```

Length encoding

Length of operand = 2^{Length}

Example:

•

```
\begin{array}{l} 111101_{Binary} = 3C_{Hex} = 61_{Dec} \implies 2^{61} \implies 2.3058430092 \text{ Exabits long} \\ 111110_{Binary} = 3E_{Hex} = 62_{Dec} \implies 2^{62} \implies 4.6116860184 \text{ Exabits long} \\ 111111_{Binary} = 3F_{Hex} = 63_{Dec} \implies 2^{63} \implies 9.2233720369 \text{ Exabits long} \\ \end{array}
```