$\longleftarrow$ N bits $\longrightarrow$	$\leftarrow$ 64−N bits $\rightarrow$	$\longleftarrow$ 64 bits $\longrightarrow$
GLOBAL ROUTING PREFIX	SUBNET ID	INTERFACE ID

Figure 5.13 The division of an IPv6 unicast address into three conceptual parts. The interface ID always occupies 64 bits.